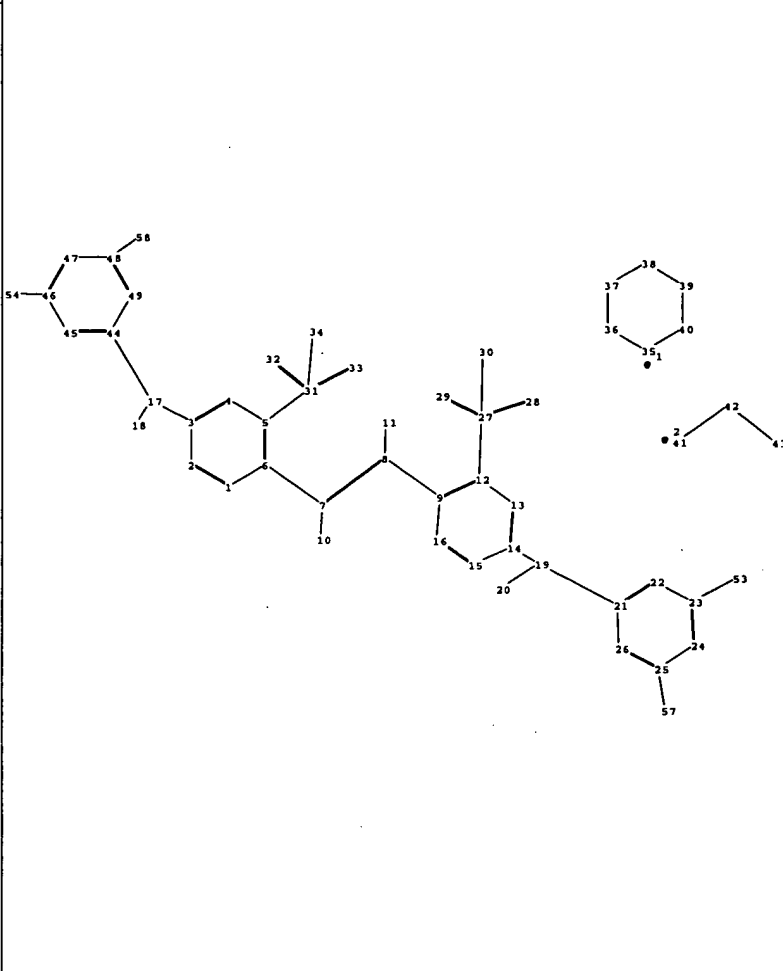
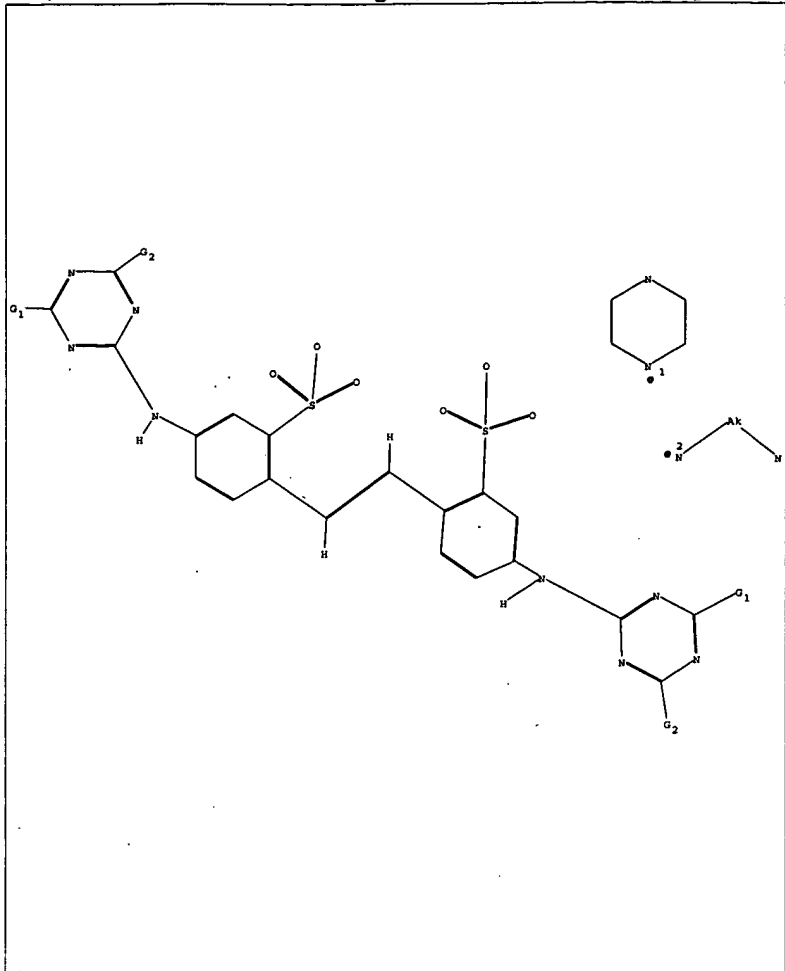


Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	153	(544/193.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 15:00
L2	192	(252/301.23).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 14:58
L3	620	(252/8.61).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 14:59
L4	330	(252/8.63).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 14:59
L5	127	(252/8.91).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 14:59
L6	8	goetz.inv. and Scheffler.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 15:01
L7	85	peter.inv. and Rohringer.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 15:01
L8	10	rene.inv. and schlatter.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 15:02
L9	25	Ted.inv. and Deisenroth.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 15:02

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	153	(544/193.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 15:00
L2	192	(252/301.23).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 14:58
L3	620	(252/8.61).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 14:59
L4	330	(252/8.63).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 14:59
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L7	85	peter.inv. and Rohringer.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 15:01
L8	10	rene.inv. and schlatter.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 15:02
L9	25	Ted.inv. and Deisenroth.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/25 15:02



chain nodes :

7 8 10 11 17 18 19 20 27 28 29 30 31 32 33 34 41 42 43 53 54 57 58

ring nodes :

1 2 3 4 5 6 9 12 13 14 15 16 21 22 23 24 25 26 35 36 37 38 39 40 44
45 46 47 48 49

chain bonds :

3-17 5-31 6-7 7-8 7-10 8-9 8-11 12-27 14-19 17-18 17-44 19-20 19-21 23-53
25-57 27-28 27-29 27-30 31-32 31-33 31-34 41-42 42-43 46-54 48-58

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-12 9-16 12-13 13-14 14-15 15-16 21-22 21-26 22-23
23-24 24-25 25-26 35-36 35-40 36-37 37-38 38-39 39-40 44-45 44-49 45-46 46-47
47-48 48-49

exact/norm bonds :

3-17 5-31 12-27 14-19 17-44 19-21 23-53 25-57 27-28 27-29 27-30 31-32 31-33
31-34 35-36 35-40 36-37 37-38 38-39 39-40 41-42 42-43 46-54 48-58

exact bonds :

6-7 7-8 7-10 8-9 8-11 17-18 19-20

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-12 9-16 12-13 13-14 14-15 15-16 21-22 21-26 22-23
23-24 24-25 25-26 44-45 44-49 45-46 46-47 47-48 48-49

G1:[*1],[*2]

G2:N,X

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:CLASS
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:Atom 36:Atom 37:Atom
38:Atom 39:Atom 40:Atom 41:CLASS 42:CLASS 43:CLASS 44:Atom 45:Atom 46:Atom 47:Atom
48:Atom

49:Atom 53:CLASS 54:CLASS 57:CLASS 58:CLASS

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
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NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
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NEWS	19	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
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NEWS	28	AUG 11	STN AnaVist workshops to be held in North America
NEWS EXPRESS			JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
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10/508,444

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* * * * * STN Columbus * * * * *

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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*
* The CA roles and document type information have been removed from *
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* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

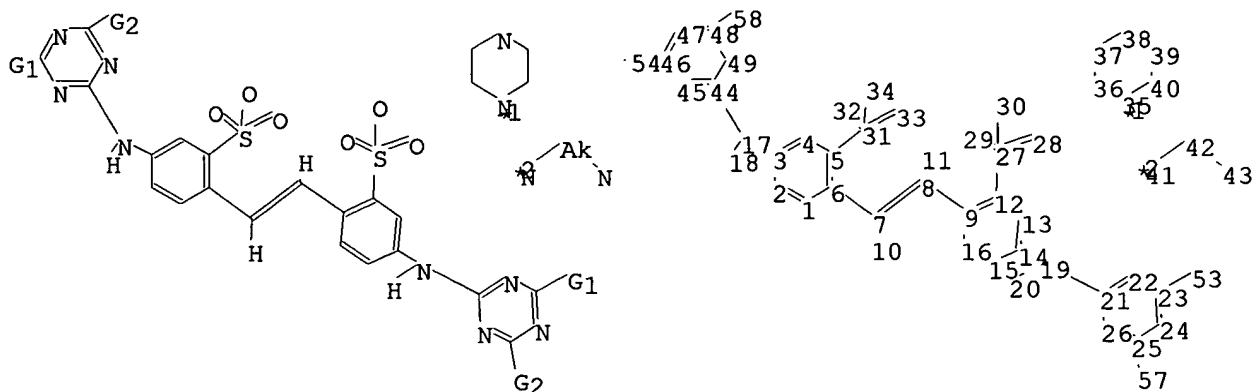
Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

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=>

Uploading C:\Documents and Settings\VBalasubramania\My Documents\STNEXP4\QUERIES\10508444.str

10/508,444



chain nodes :

7 8 10 11 17 18 19 20 27 28 29 30 31 32 33 34 41 42 43 53 54
57 58

ring nodes :

1 2 3 4 5 6 9 12 13 14 15 16 21 22 23 24 25 26 35 36 37 38 39
40 44 45 46 47 48 49

chain bonds :

3-17 5-31 6-7 7-8 7-10 8-9 8-11 12-27 14-19 17-18 17-44 19-20 19-21
23-53 25-57 27-28 27-29 27-30 31-32 31-33 31-34 41-42 42-43 46-54 48-58

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-12 9-16 12-13 13-14 14-15 15-16 21-22 21-26
22-23 23-24 24-25 25-26 35-36 35-40 36-37 37-38 38-39 39-40 44-45 44-49
45-46 46-47 47-48 48-49

exact/norm bonds :

3-17 5-31 12-27 14-19 17-44 19-21 23-53 25-57 27-28 27-29 27-30 31-32
31-33 31-34 35-36 35-40 36-37 37-38 38-39 39-40 41-42 42-43 46-54 48-58

exact bonds :

6-7 7-8 7-10 8-9 8-11 17-18 19-20

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-12 9-16 12-13 13-14 14-15 15-16 21-22 21-26
22-23 23-24 24-25 25-26 44-45 44-49 45-46 46-47 47-48 48-49

G1:[*1],[*2]

G2:N,X

Match level :

10/508,444

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:CLASS
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:Atom 36:Atom
37:Atom 38:Atom 39:Atom 40:Atom 41:CLASS 42:CLASS 43:CLASS 44:Atom 45:Atom
46:Atom 47:Atom 48:Atom 49:Atom 53:CLASS 54:CLASS 57:CLASS 58:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 13:48:01 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 235 TO ITERATE

100.0% PROCESSED 235 ITERATIONS

22 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 3781 TO 5619

PROJECTED ANSWERS: 159 TO 721

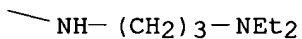
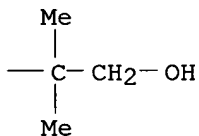
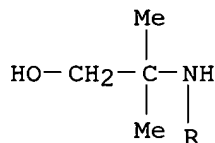
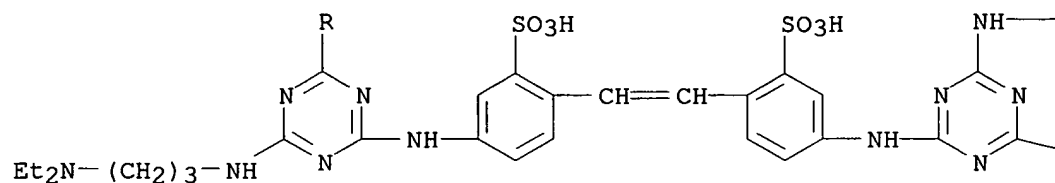
L2 22 SEA SSS SAM L1

=> d scan

L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(diethylamino)propyl]amino]-6-[(2-hydroxy-1,1-dimethylethyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI)

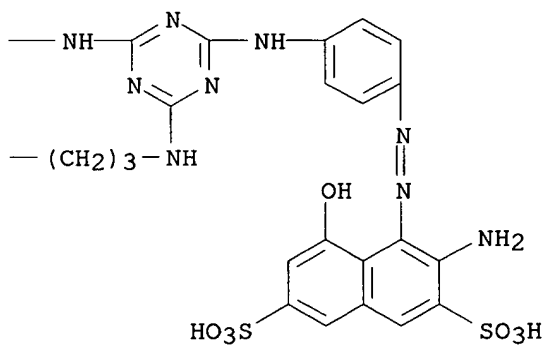
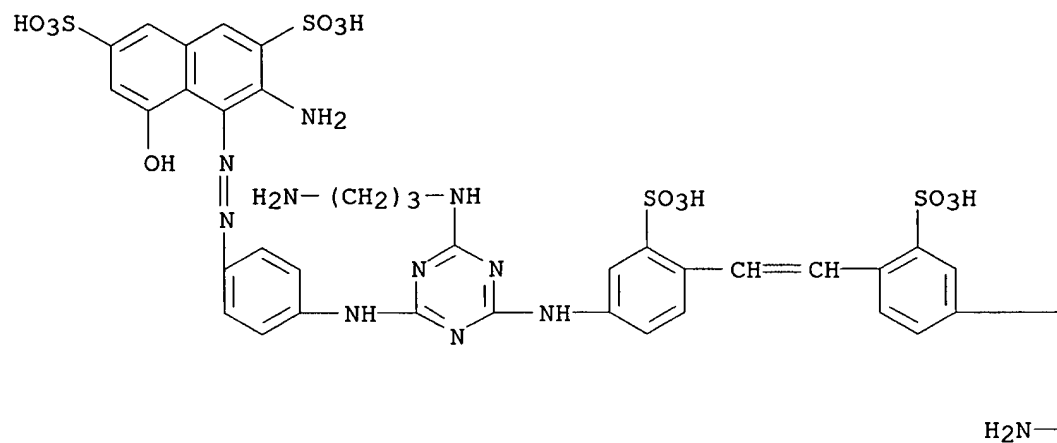
MF C42 H66 N14 O8 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):21

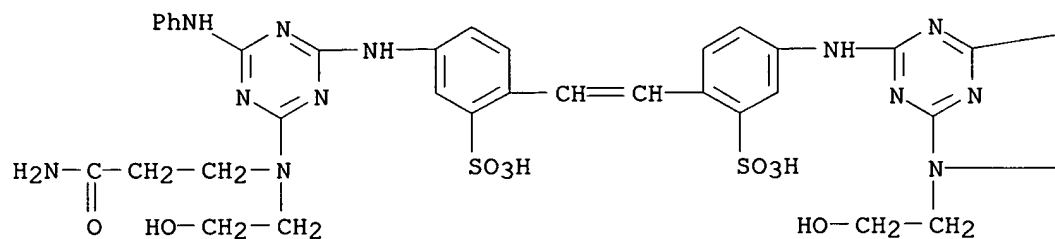
L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-aminopropyl)amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenyleneazo]]bis[3-amino-5-hydroxy- (9CI)
 MF C58 H56 N20 O20 S6
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

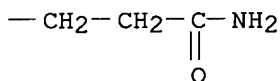
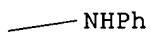
L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl) (2-hydroxyethyl) amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, trisodium salt (9CI)
 MF C42 H46 N14 O10 S2 . 3 Na

PAGE 1-A



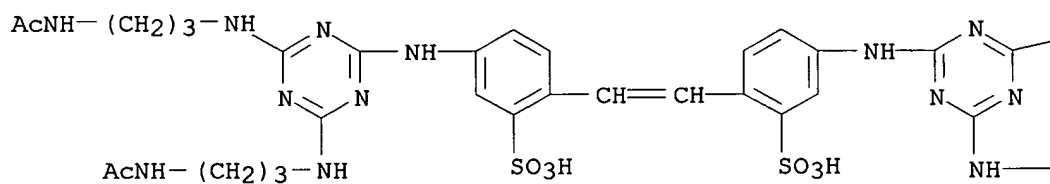
● 3 Na

PAGE 1-B



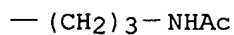
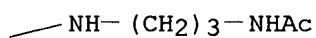
L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4,6-bis[[3-(
 (acetamino)propylamino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI)
 MF C40 H56 N16 O10 S2 . 2 Na

PAGE 1-A



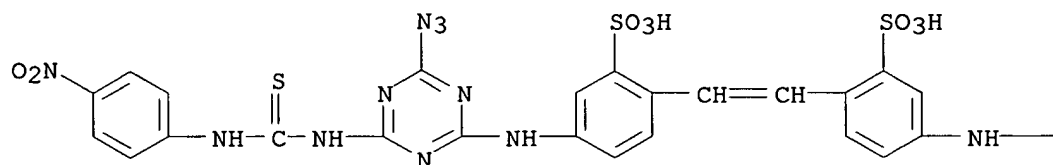
● 2 Na

PAGE 1-B

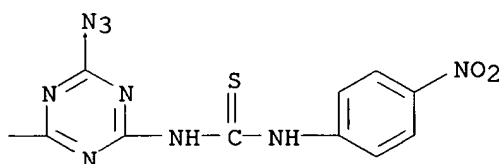


L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-nitrophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
 MF C34 H24 N20 O10 S4
 CI COM

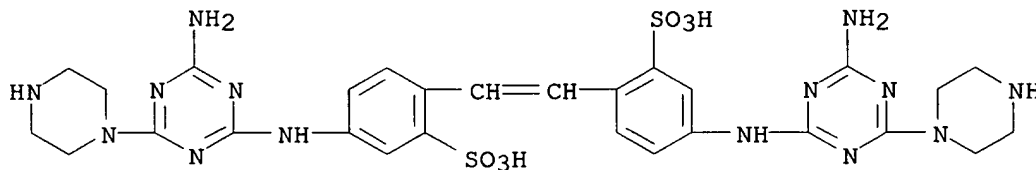
PAGE 1-A



PAGE 1-B



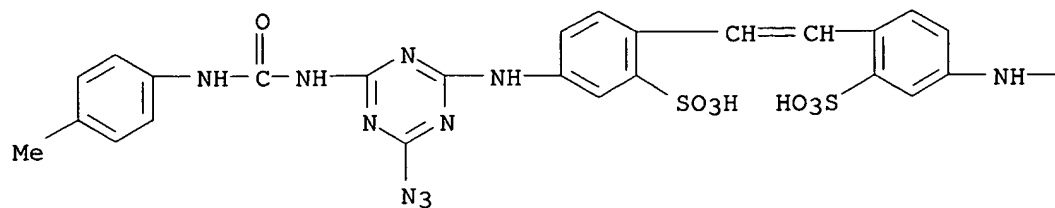
L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-amino-6-(1-piperazinyl)-1,3,5-triazin-2-yl]amino]- (9CI)
 MF C28 H34 N14 O6 S2



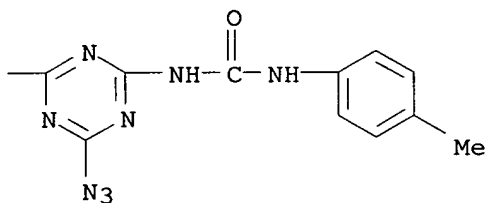
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
 MF C36 H30 N18 O8 S2
 CI COM

PAGE 1-A

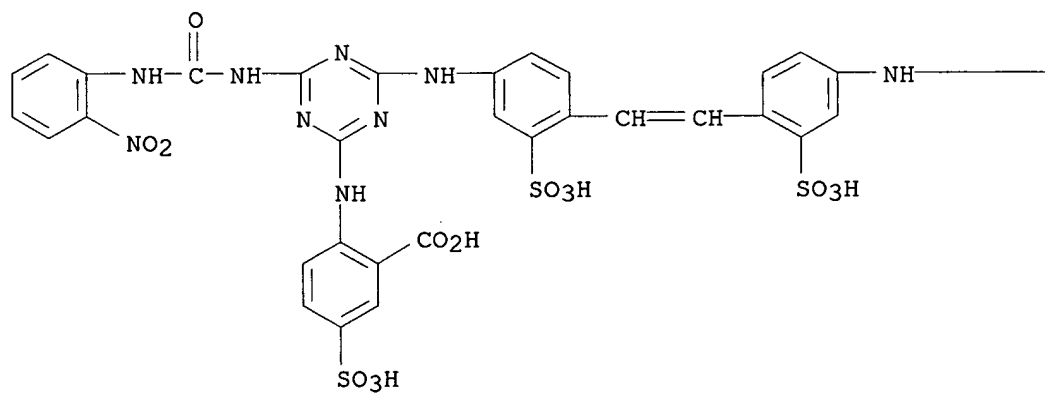


PAGE 1-B

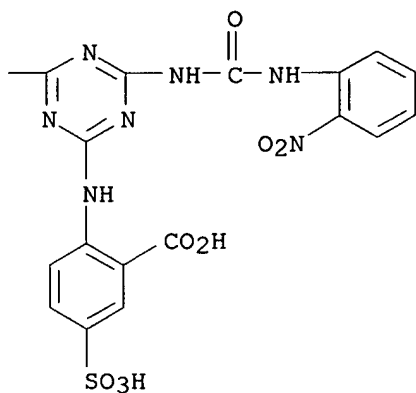


L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(2-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI)
 MF C48 H36 N16 O22 S4 . 4 Na

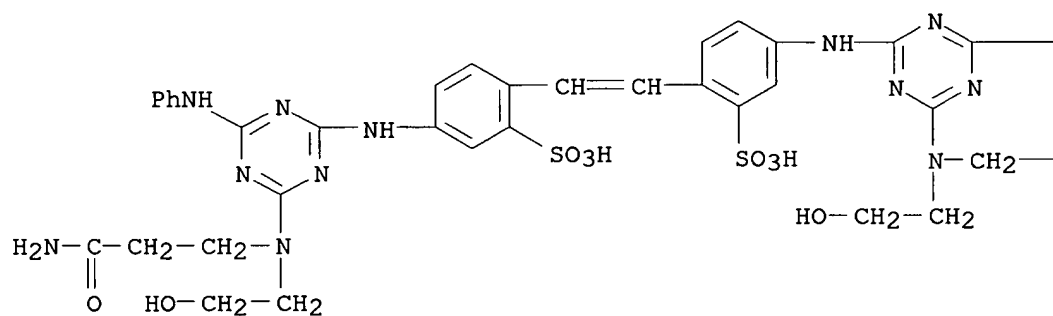
PAGE 1-A



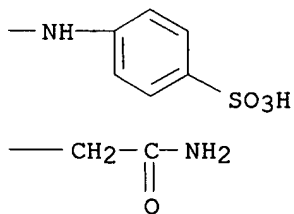
● 4 Na



L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 2,2'-Stilbenedisulfonic acid, 4-[[4-anilino-6-[(2-carbamoylethyl)(2-hydroxyethyl)amino]-s-triazin-2-yl]amino]-4'-[[4-[(2-carbamoylethyl)(2-hydroxyethyl)amino]-6-(p-sulfoanilino)-s-triazin-2-yl]amino]-, trisodium salt (8CI)
 MF C42 H46 N14 O13 S3 . 3 Na



● 3 Na

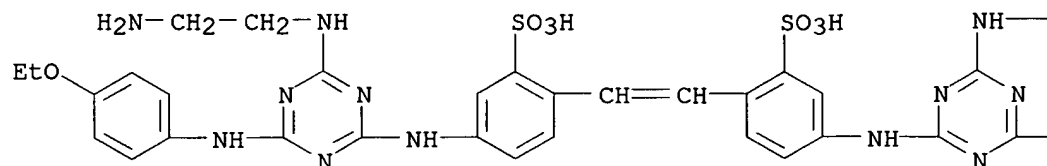


L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(2-aminoethyl)amino]-

10/508,444

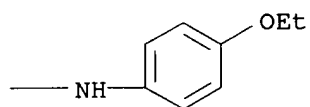
6-[(4-ethoxyphenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI)
MF C40 H46 N14 O8 S2

PAGE 1-A



PAGE 1-B

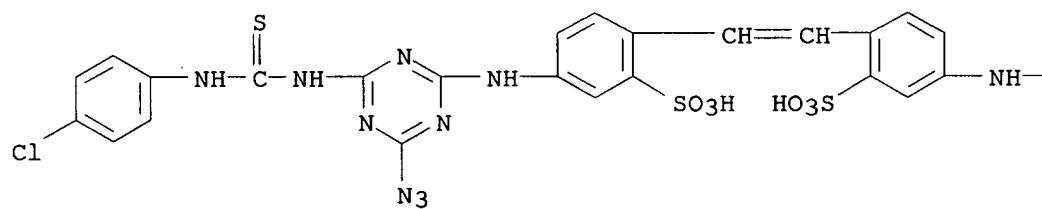
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

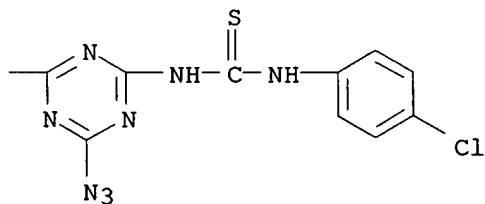
L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-chlorophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI)
MF C34 H24 Cl2 N18 O6 S4 . 2 Na

PAGE 1-A



● 2 Na

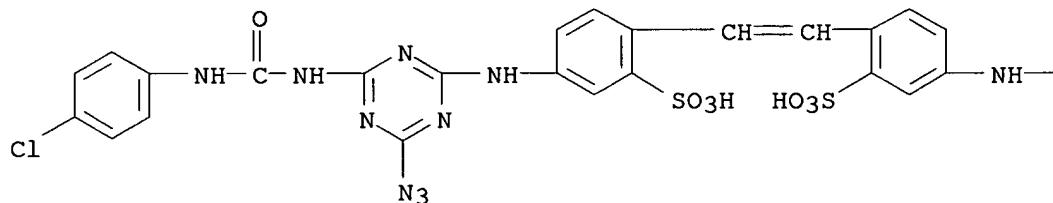
PAGE 1-B



10/508,444

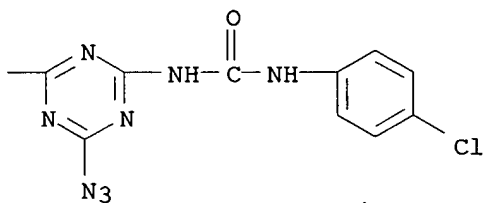
L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[[4-chlorophenyl]amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI)
MF C34 H24 Cl2 N18 O8 S2 . 2 Na

PAGE 1-A

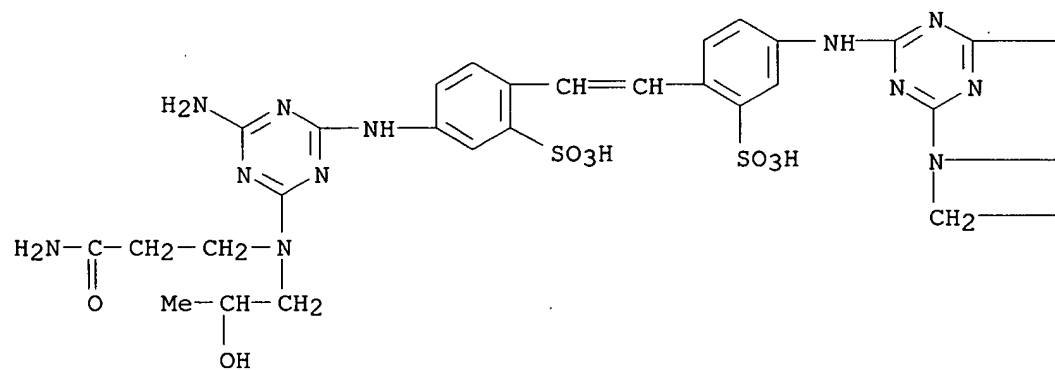


● 2 Na

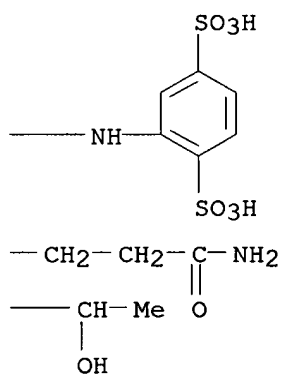
PAGE 1-B



L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 1,4-Benzenedisulfonic acid, 2-[[[4-[[[4-[2-[4-[[[4-amino-6-[(3-amino-3-oxopropyl) (2-hydroxypropyl) amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]-3-sulfophenyl]amino]-6-[(3-amino-3-oxopropyl) (2-hydroxypropyl) amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI)
MF C38 H46 N14 O16 S4 . 4 Na

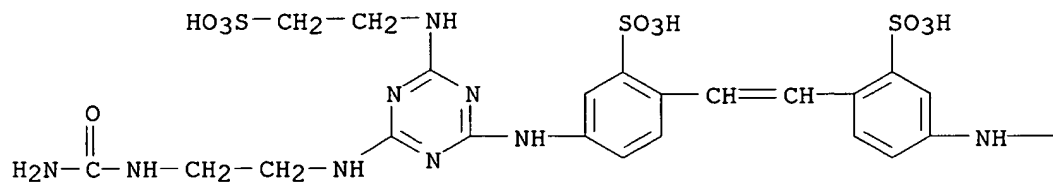


● 4 Na

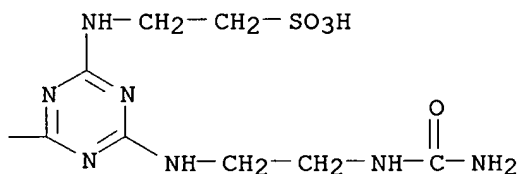


L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-
 [(aminocarbonyl)amino]ethyl]amino]-6-[(2-sulfoethyl)amino]-1,3,5-triazin-2-
 yl]amino]- (9CI)
 MF C30 H40 N16 O14 S4
 CI COM

PAGE 1-A

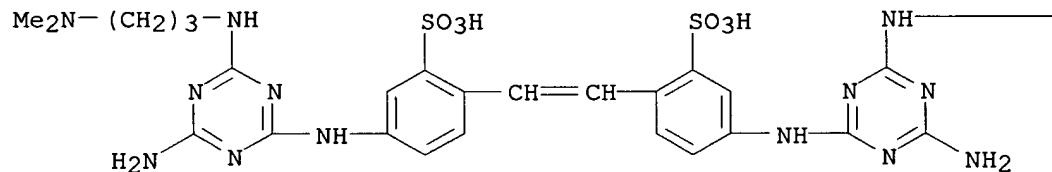


PAGE 1-B



L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-amino-6-[[3-(dimethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
 MF C30 H42 N14 O6 S2
 CI COM

PAGE 1-A

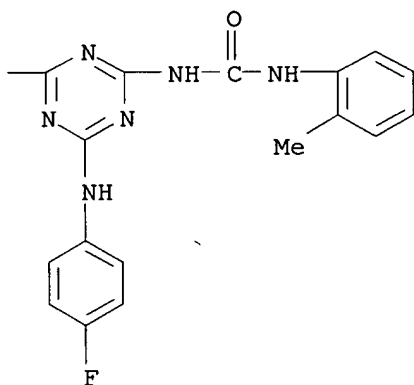
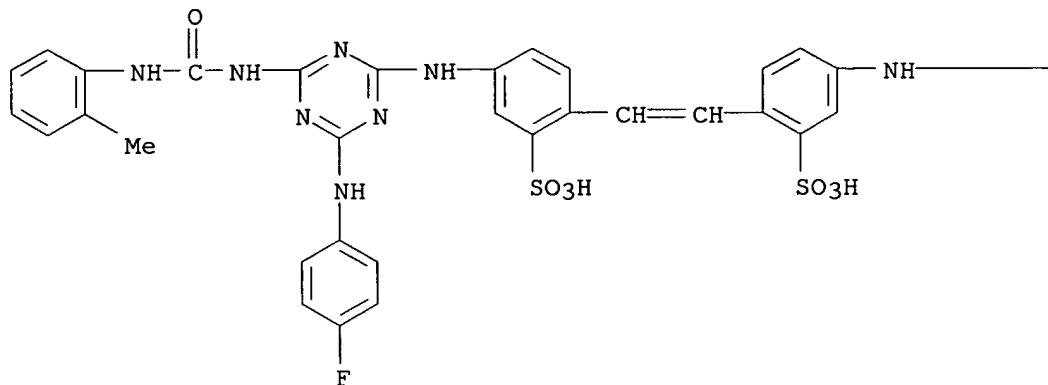


PAGE 1-B

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

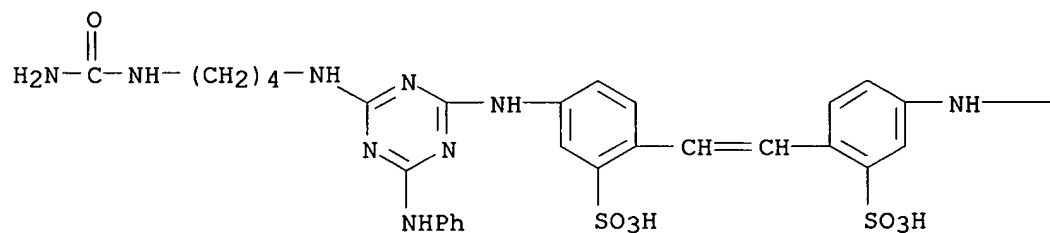
L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(2-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
 MF C48 H40 F2 N14 O8 S2
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

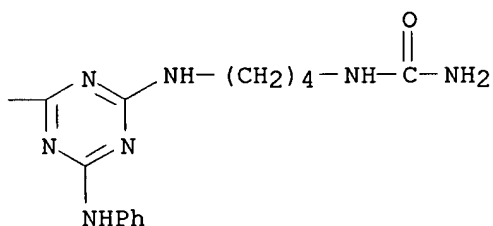
L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[4-
 [(aminocarbonyl)amino]butyl]amino]-6-(phenylamino)-1,3,5-triazin-2-
 yl]amino]-, disodium salt (9CI)
 MF C42 H48 N16 O8 S2 . 2 Na

PAGE 1-A



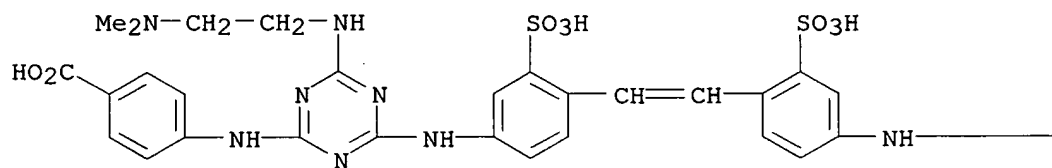
●2 Na

PAGE 1-B

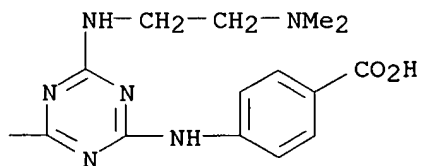


L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzoic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[2-(dimethylamino)ethyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI)
 MF C42 H46 N14 O10 S2
 CI COM

PAGE 1-A



PAGE 1-B

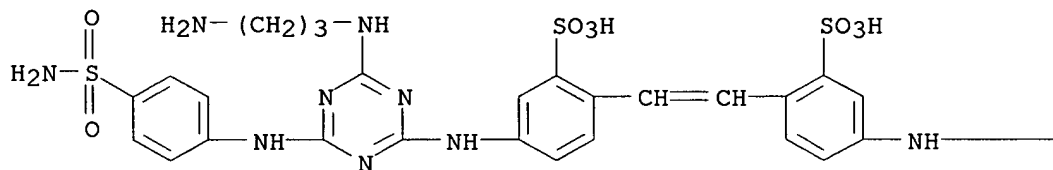


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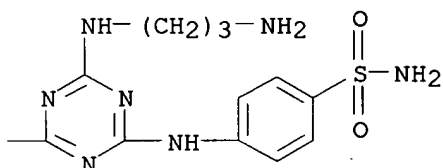
10/508,444

L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-aminopropyl)amino]-6-[[4-(aminosulfonyl)phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
MF C38 H44 N16 O10 S4

PAGE 1-A

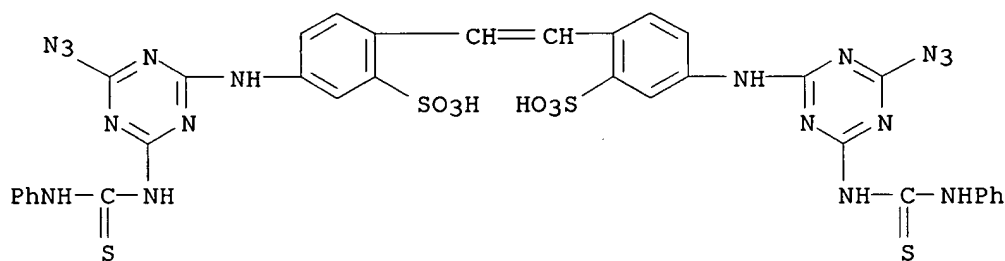


PAGE 1-B



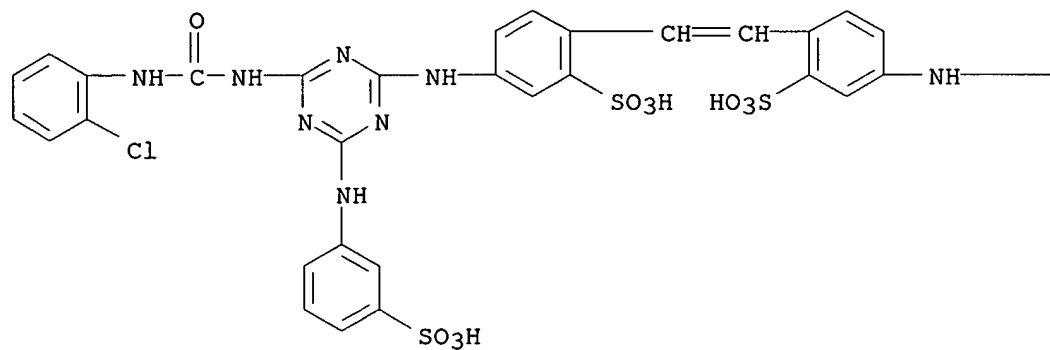
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[(phenylamino)thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI)
MF C34 H26 N18 O6 S4 . 2 Na

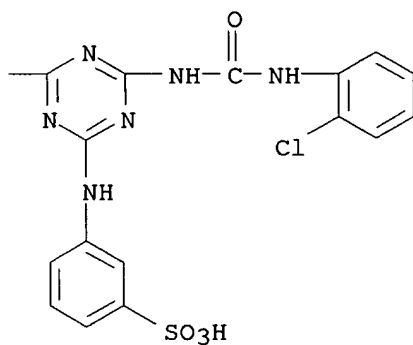


● 2 Na

L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(2-chlorophenyl)amino]carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI)
MF C46 H36 Cl2 N14 O14 S4 . 4 Na

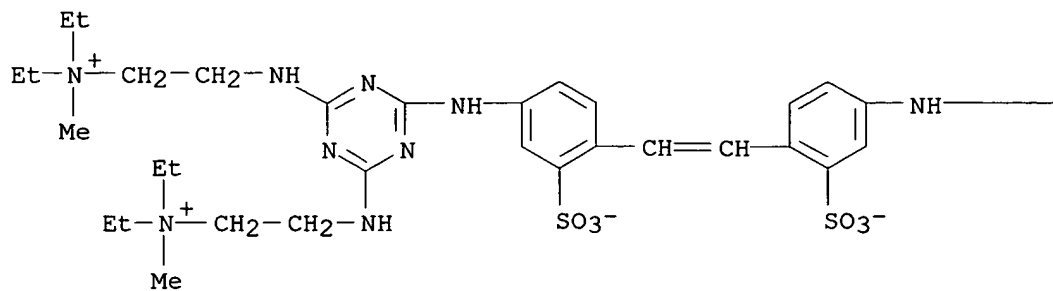


● 4 Na

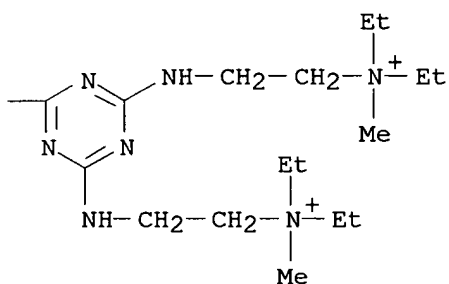


L2 22 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Ammonium, [[vinylenebis[(3-sulfo-p-phenylene)imino]-s-triazine-6,2,4-
 triyl]tetrakis(iminoethylene)]tetrakis[diethylmethyl-, dihydroxide,
 bis(inner salt), di-p-toluenesulfonate (8Cl)
 MF C48 H82 N16 O6 S2 . 2 C7 H7 O3 S
 CM 1

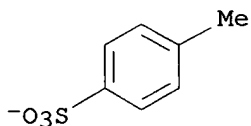
PAGE 1-A



PAGE 1-B



CM 2



ALL ANSWERS HAVE BEEN SCANNED

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100.0% PROCESSED 4517 ITERATIONS
 SEARCH TIME: 00.00.02

422 ANSWERS

L3 422 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

161.76

TOTAL

SESSION

161.97

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USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

10/508,444

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 69 L3

=> d 14 1-69 bib hitstr

L4 ANSWER 1 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:696246 CAPLUS

DN 143:155086

TI Method of tracing offset printing fluids such as web release agents and fountain solutions

IN Hoots, John E.; Godfrey, Martin R.; Capener, Lars E.; Soto, Dolores J.

PA USA

SO U.S. Pat. Appl. Publ., 11 pp.
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

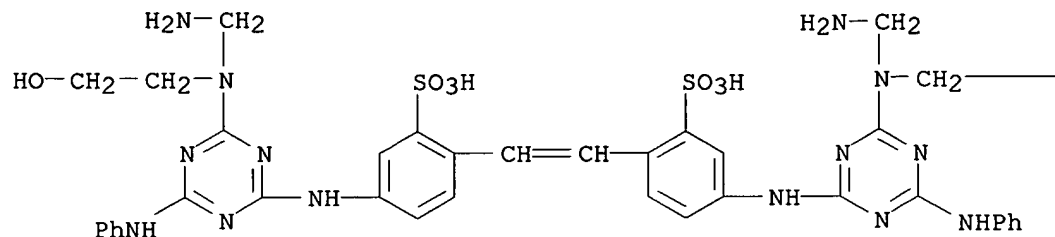
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PI	US 2005166780	A1	20050804	US 2004-767762	20040129
PRAI	US 2004-767762		20040129		

IT **169762-28-1**, Tinopal 5BM-GX

RL: NUU (Other use, unclassified); USES (Uses)
(fluorometrically detectable tracer for fountain solns.)

RN 169762-28-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



● 2 Na

—CH₂—OH

L4 ANSWER 2 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2005:472205 CAPLUS
 DN 143:9386
 TI Fluorescent whitening pigments containing water-soluble fluorescent
 whitening agent for whitening paper
 IN Deisenroth, Ted; Fondekar, Kamallesh Pai; Rohringer, Peter; Cuesta,
 Fabienne; Joshi, Ramachandra V.; Kavishwar, Smita G.; Shadakshari, Uma
 PA Ciba Specialty Chemicals Holding Inc., Switz.
 SO PCT Int. Appl., 20 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005049682	A1	20050602	WO 2004-EP52869	20041108
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI EP 2003-104242 A 20031118

IT 27344-06-5 29637-52-3 67906-33-6

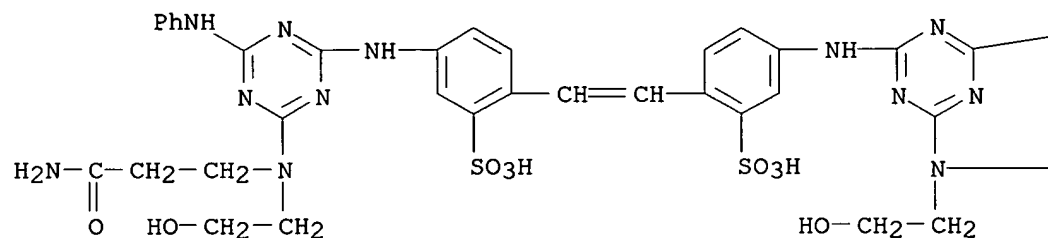
RL: TEM (Technical or engineered material use); USES (Uses)
 (production of fluorescent whitening pigments containing
 melamine-formaldehyde
 copolymer and water-soluble fluorescent whitening agent)

RN 27344-06-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-

oxopropyl) (2-hydroxyethyl) amino]-6-(phenylamino)-1,3,5-triazin-2-yl] amino]-
 , disodium salt (9CI) (CA INDEX NAME)

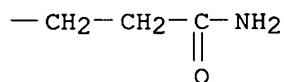
PAGE 1-A



● 2 Na

PAGE 1-B

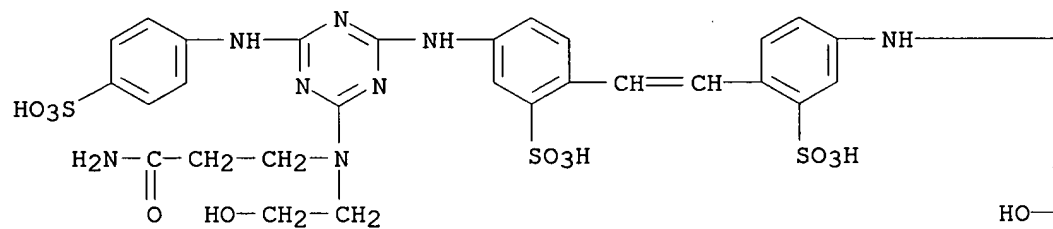
—NHPh



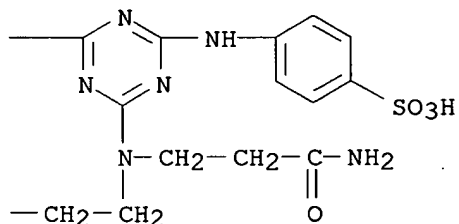
RN 29637-52-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl) (2-hydroxyethyl) amino]-6-[(4-sulfophenyl) amino]-1,3,5-triazin-2-yl] amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A

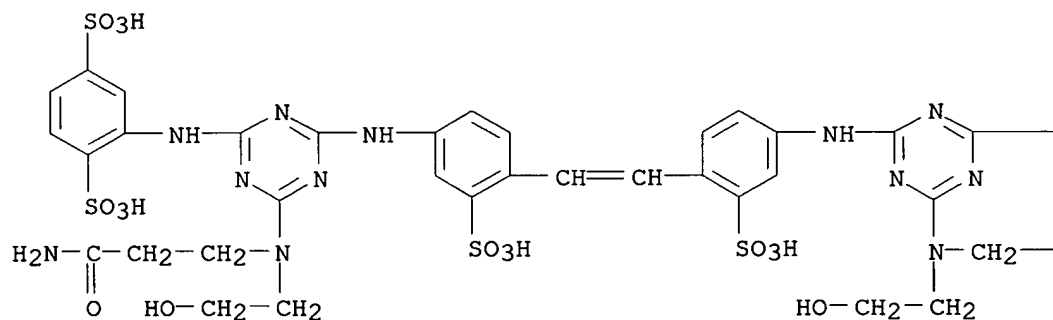


● 4 Na

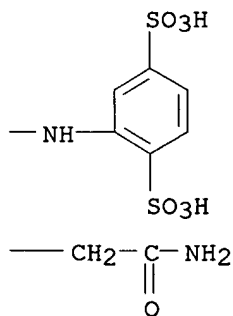


RN 67906-33-6 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-amino-3-oxopropyl)(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)



● 6 Na



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:281842 CAPLUS
DN 142:337721

TI Storage-stable aqueous solutions of fluorescent whitening agents for textiles and paper

IN Traber, Rainer Hans; Deisenroth, Ted; Galle, Sandra; Dbaly, Helena

PA Ciba Specialty Chemicals Holding Inc., Switz.

SO PCT Int. Appl., 20 pp.

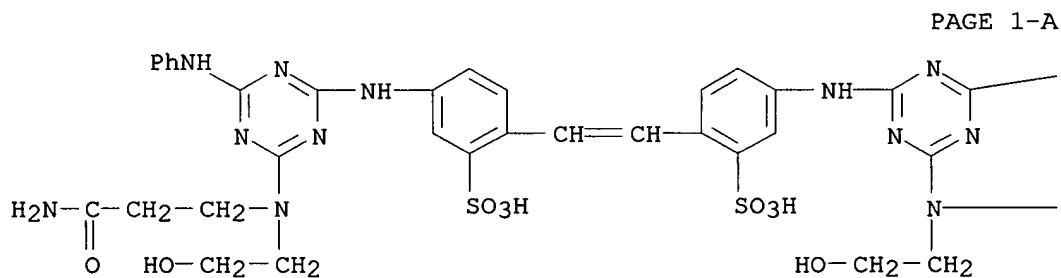
CODEN: PIXXD2

DT Patent

LA English

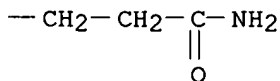
FAN.CNT 1

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PI	WO 2005028749	A1	20050331	WO 2004-EP52119	20040910
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	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	EP 2003-103454	A	20030919		
	EP 2004-100396	A	20040204		
OS	MARPAT 142:337721				
IT	66085-71-0D , acids and/or salts				
	RL: TEM (Technical or engineered material use); USES (Uses)				
	(storage-stable aqueous solns. of fluorescent whitening agents for textiles and paper)				
RN	66085-71-0 CAPLUS				
CN	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl) (2-hydroxyethyl) amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)				



PAGE 1-B

—NHPh



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:182641 CAPLUS
DN 142:263003
TI Triazinylaminostilbene derivative optical brighteners for fibers and paper
IN Scheffler, Goetz; Rohwer, Hauke; Schlatter, Rene; Hochberg, Robert
PA Ciba Specialty Chemicals Holding Inc., Switz.
SO PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

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PI	WO 2005019189	A1	20050303	WO 2004-EP51767	20040811
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	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,				
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	NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,				
	TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,				
	AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,				
	EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,				
	SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,				
	SN, TD, TG				

PRAI EP 2003-102616 A 20030821

OS MARPAT 142:263003

IT **845890-46-2P 845890-47-3P 845890-48-4P**
845890-49-5P 845890-52-0P 845890-53-1P
845890-54-2P 845890-56-4P 845890-57-5P
845890-58-6P 845890-59-7P 845890-61-1P
845890-62-2P 845890-63-3P

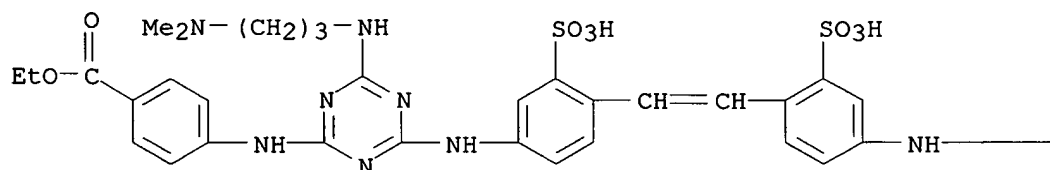
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

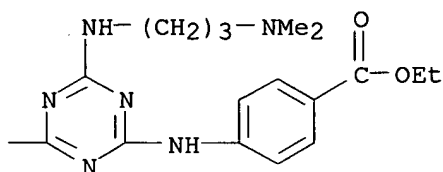
(preparation of triazinylaminostilbene derivative optical brighteners for fibers and paper)

RN 845890-46-2 CAPLUS

CN Benzoic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[3-(dimethylamino)propyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, 1,1'-diethyl ester, disodium salt (9CI) (CA INDEX NAME)

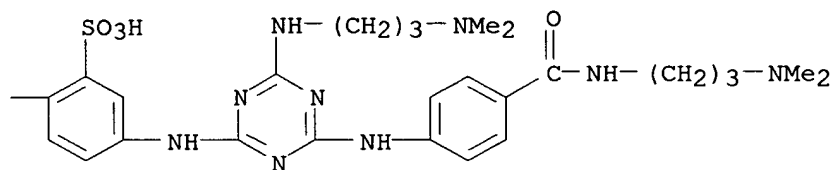
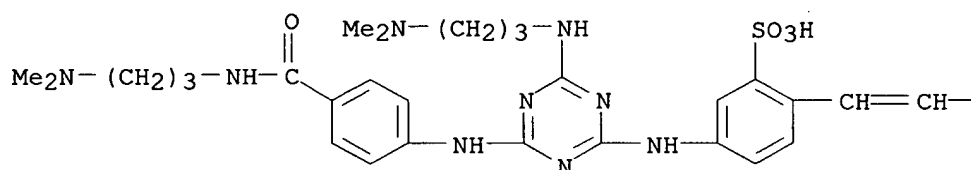
PAGE 1-A





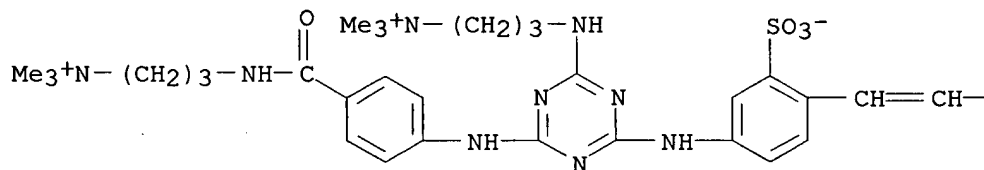
RN 845890-47-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-[[4-[[3-(dimethylamino)propyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

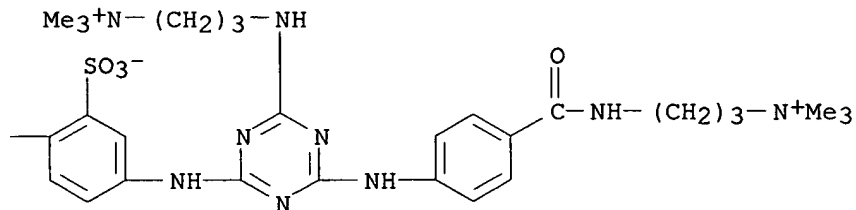


RN 845890-48-4 CAPLUS

CN 1-Propanaminium, 3,3'-[1,2-ethenediyl]bis[(3-sulfo-4,1-phenylene)imino[6-[[4-[[3-(trimethylammonio)propyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[N,N,N-trimethyl-, bis(inner salt), dichloride (9CI) (CA INDEX NAME)



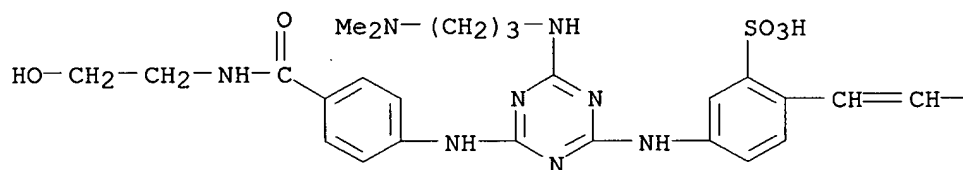
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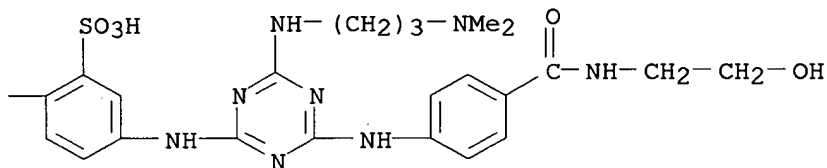
RN 845890-49-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-[[4-[[2-hydroxyethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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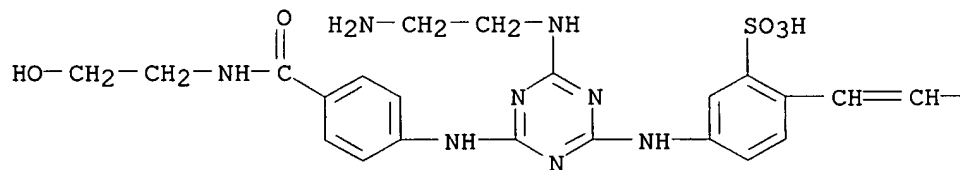
PAGE 1-B



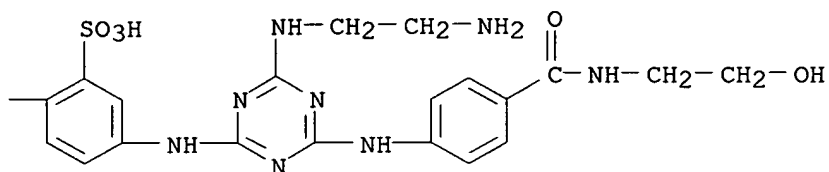
RN 845890-52-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(2-aminoethyl)amino]-6-[[4-[[2-hydroxyethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



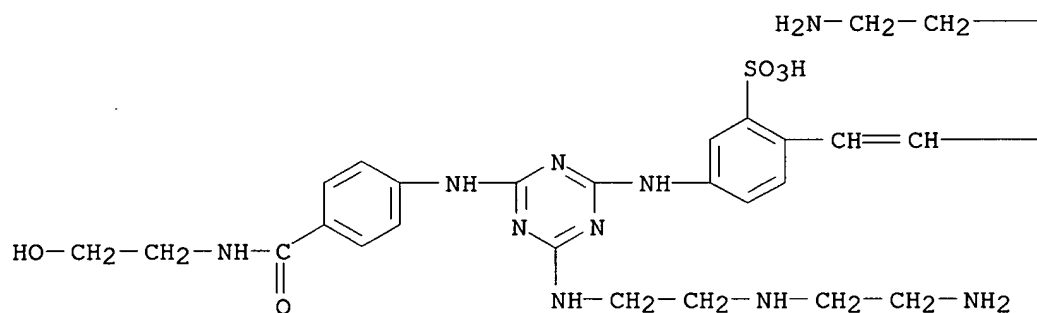
PAGE 1-B



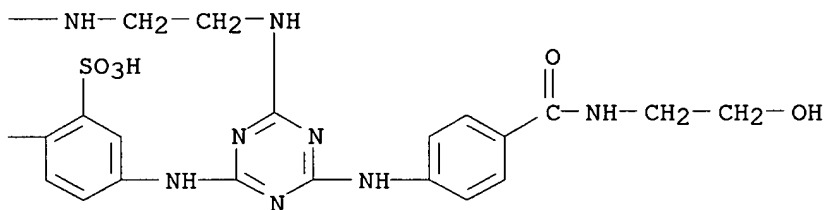
RN 845890-53-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-[(2-aminoethyl)amino]ethyl]amino]-6-[[4-[(2-hydroxyethyl)amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



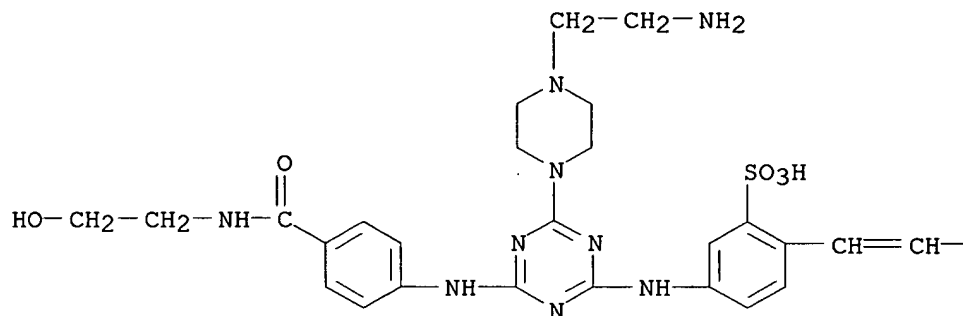
PAGE 1-B



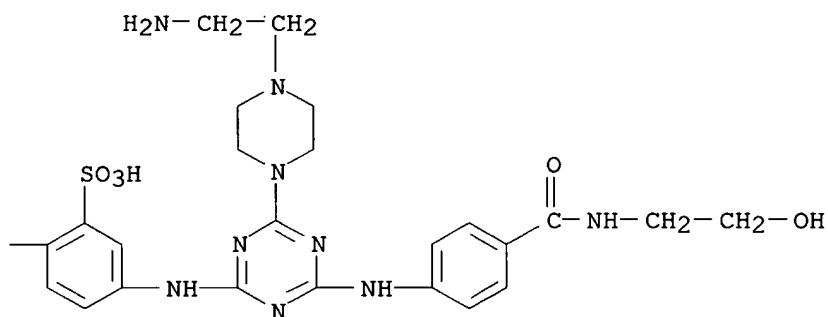
RN 845890-54-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[4-(2-aminoethyl)-1-piperazinyl]-6-[[4-[(2-hydroxyethyl)amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A

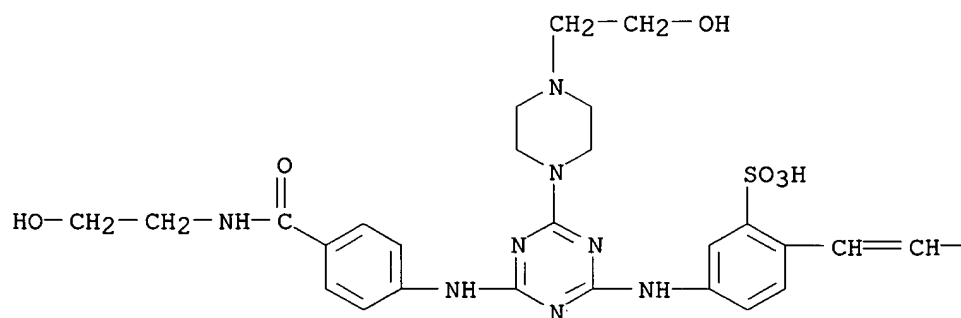


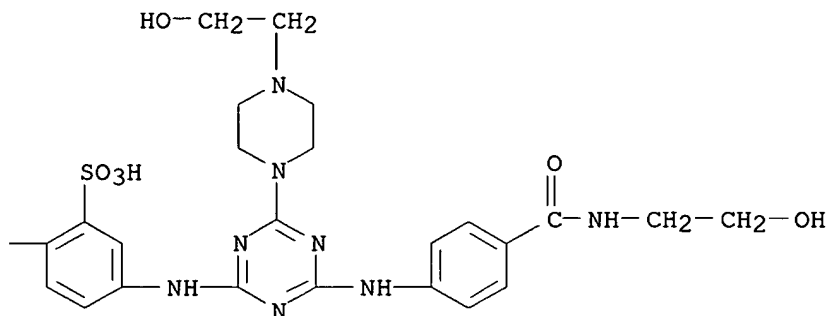
PAGE 1-B



RN 845890-56-4 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[4-[[2-hydroxyethyl)amino]carbonyl]phenyl]amino]-6-[4-(2-hydroxyethyl)-1-piperazinyl]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

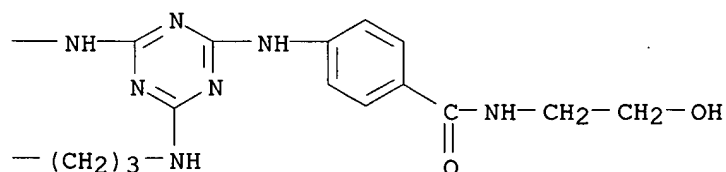
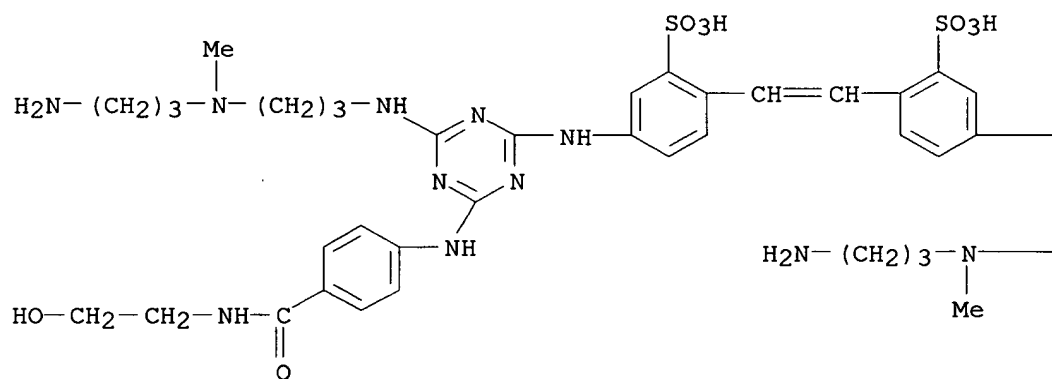
PAGE 1-A





RN 845890-57-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[(3-aminopropyl)methylamino]propyl]amino]-6-[[4-[(2-hydroxyethyl)amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
(CA INDEX NAME)

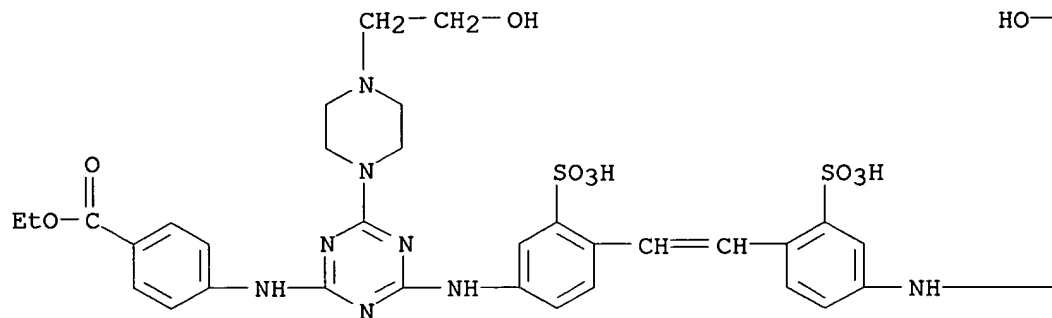


RN 845890-58-6 CAPLUS

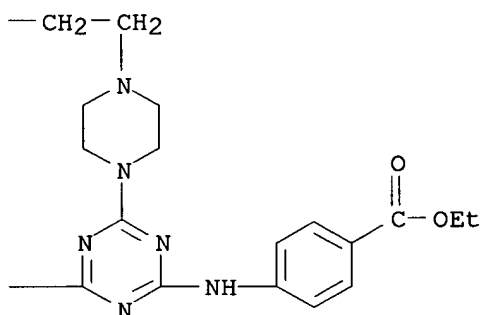
CN Benzoic acid, 4,4'-[1,2-ethenediyl]bis[(3-sulfo-4,1-phenylene)imino[6-[4-(2-hydroxyethyl)-1-piperazinyl]-1,3,5-triazine-4,2-diyl]imino]]bis-, 1,1'-diethyl ester (9CI) (CA INDEX NAME)

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HO—



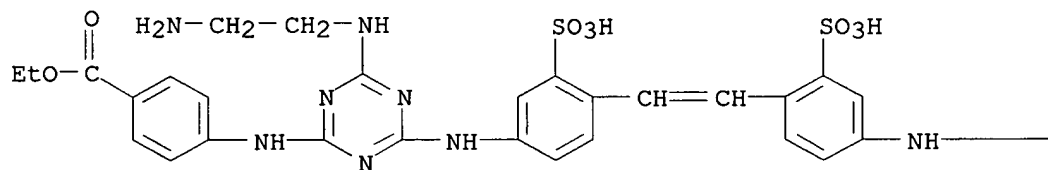
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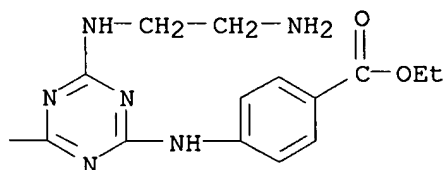
RN 845890-59-7 CAPLUS

CN Benzoic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(2-aminoethyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, 1,1'-diethyl ester
(9CI) (CA INDEX NAME)

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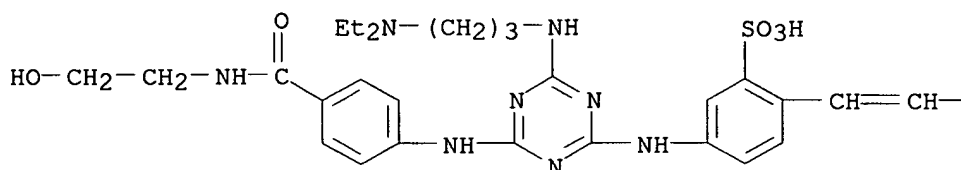


RN 845890-61-1 CAPLUS

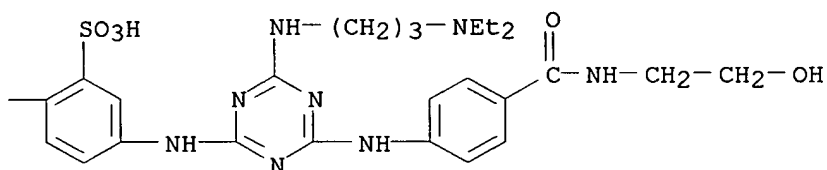
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-

(diethylamino)propyl]amino]-6-[[4-[(2-hydroxyethyl)amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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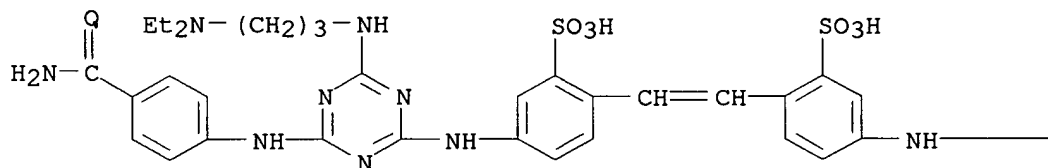
PAGE 1-B



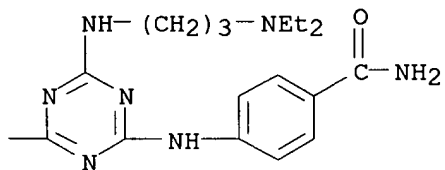
RN 845890-62-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[4-(aminocarbonyl)phenyl]amino]-6-[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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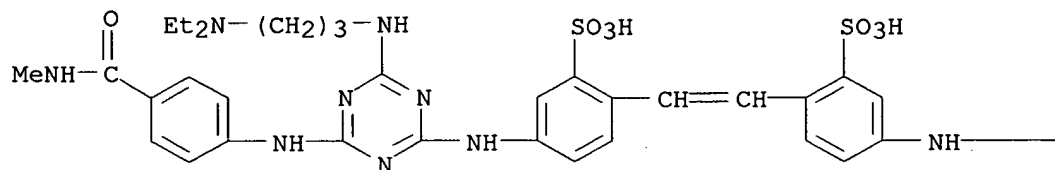
PAGE 1-B



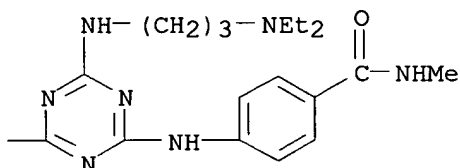
RN 845890-63-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(diethylamino)propyl]amino]-6-[[4-[(methylamino)carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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PAGE 1-B



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:141307 CAPLUS
DN 142:221492
TI Composition for the fluorescent whitening of paper
IN Rohringer, Peter; Hochberg, Robert; Becherer, Oliver; Kramer, Hans;
Scheffler, Goetz
PA Ciba Specialty Chemicals Holding Inc., Switz.
SO PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005014932	A1	20050217	WO 2004-EP51630	20040728
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI EP 2003-102449 A 20030806

OS MARPAT 142:221492

IT 586963-11-3

RL: TEM (Technical or engineered material use); USES (Uses)
(composition for fluorescent whitening of paper)

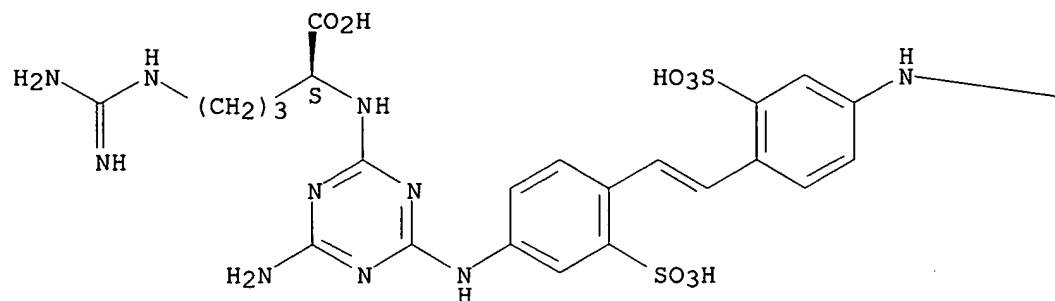
RN 586963-11-3 CAPLUS

CN L-Arginine, N2,N2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino(6-amino-1,3,5-triazine-4,2-diyl)]]bis-, disodium salt (9CI) (CA INDEX NAME)

Absolute stereochemistry.

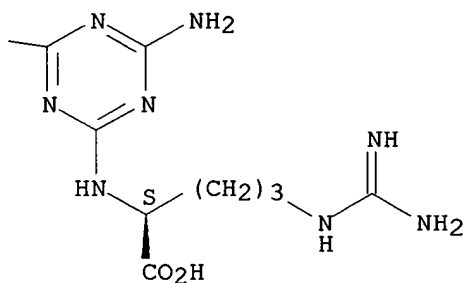
Double bond geometry unknown.

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● 2 Na

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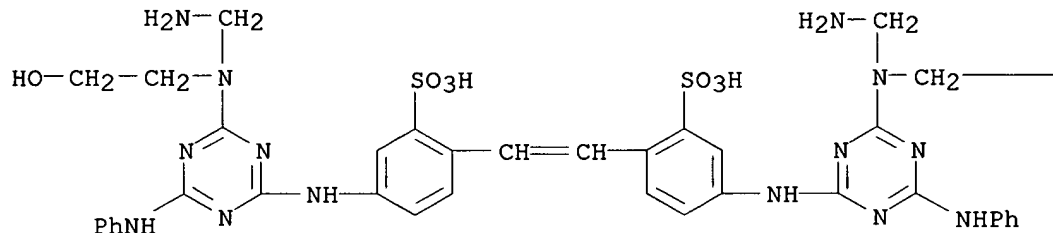
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:780246 CAPLUS
DN 141:265526
TI Method of monitoring membrane separation processes
IN Kelle, Zeiher E. H.; Ho, Bosco P.; Hoots, John E.; Bedford, Binaifer S.;
Godfrey, Martin R.
PA USA
SO U.S. Pat. Appl. Publ., 17 pp., Cont.-in-part of U.S. Ser. No. 109,256.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004185472	A1	20040923	US 2003-737475	20031216
	US 6821428	B1	20041123	US 2002-109256	20020328
	US 2004104171	A1	20040603	US 2003-722750	20031126
	US 6838001	B2	20050104		
PRAI	US 2002-109256	A2	20020328		

IT **169762-28-1**, Benzenesulfonic acid, 2,2'-(1,2-Ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt
 RL: TEM (Technical or engineered material use); USES (Uses)
 (method of monitoring membrane separation processes)
 RN 169762-28-1 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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— CH₂— OH

L4 ANSWER 7 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:634155 CAPLUS
 DN 141:153502
 TI Identification labels in plants or plant parts
 IN Van Der Krieken, Wilhelmus Maria; Kok, Cornelis Johannes
 PA Plant Research International B.V., Neth.
 SO PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004065945	A1	20040805	WO 2003-EP785	20030124
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI WO 2003-EP785		20030124		

10/508,444

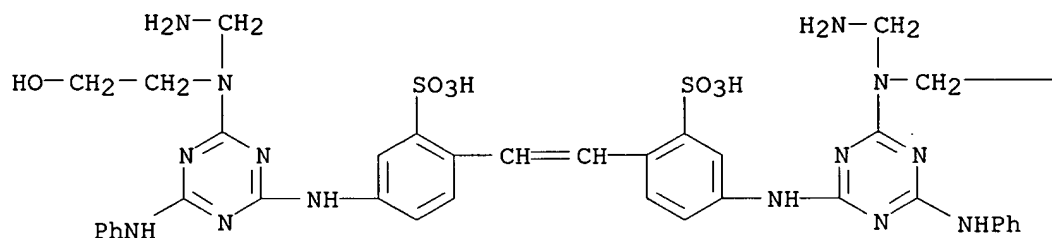
IT 169762-28-1

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(identification labels in plants or plant parts)

RN 169762-28-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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—CH₂—OH

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:508978 CAPLUS

DN 141:73658

TI Method of monitoring membrane separation processes

IN Zeiher, E. H. Kelle; Ho, Bosco P.; Hoots, John E.

PA USA

SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Pat. Appl. 2003
183,575.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004118776	A1	20040624	US 2003-683956	20031010
	US 2003183575	A1	20031002	US 2002-109260	20020328
	US 6730227	B2	20040504		
PRAI	US 2002-109260	A2	20020328		

IT 169762-28-1, Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]]-, disodium salt

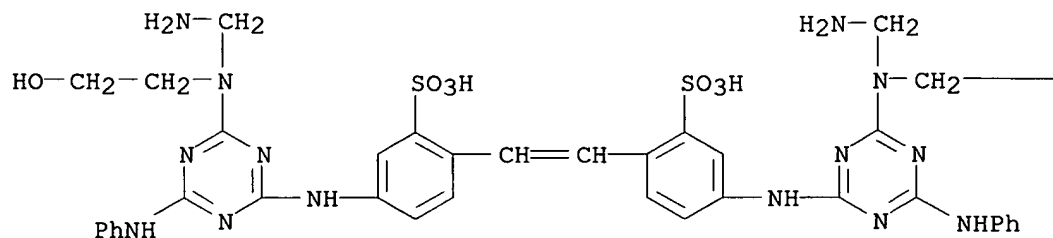
RL: TEM (Technical or engineered material use); USES (Uses)

(Tinopal 5BM-GX; method of monitoring membrane separation processes using
fluorescent tracers and detection of membrane damage)

RN 169762-28-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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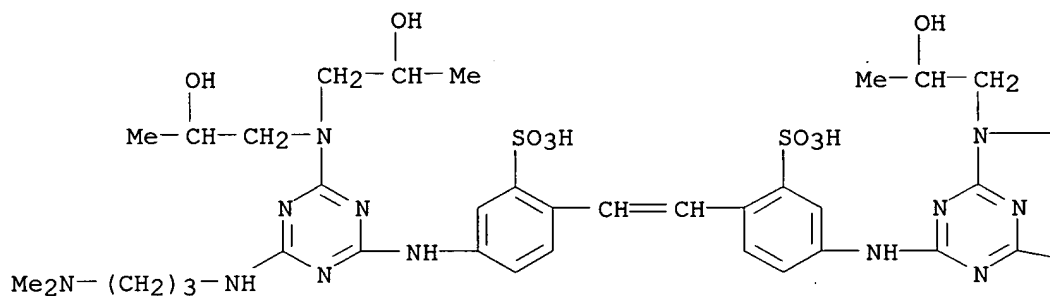
—CH₂—OH

L4 ANSWER 9 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:453320 CAPLUS
 DN 141:25251
 TI Amphoteric fluorescent whitening agents for paper
 IN Scheffler, Goetz; Rohringer, Peter; Fletcher, Ian John
 PA Ciba Specialty Chemicals Holdings Inc., Switz.
 SO PCT Int. Appl., 74 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004046293	A2	20040603	WO 2003-EP12583	20031111
	WO 2004046293	C1	20040826		
	WO 2004046293	A3	20041014		
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	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2504256	AA	20040603	CA 2003-2504256	20031111
	EP 1563049	A2	20050817	EP 2003-779887	20031111
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRAI	EP 2002-405998	A	20021119		

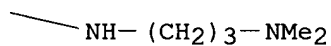
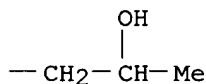
WO 2003-EP12583 W 20031111
 OS MARPAT 141:25251
 IT 697767-94-5P 697767-98-9P 697768-00-6P
 697768-11-9P 697768-24-4P 697768-25-5P
 697768-28-8P 697768-29-9P 697768-30-2P
 697768-31-3P 697768-35-7P 697768-41-5P
 697768-43-7P 697768-44-8P 697768-45-9P
 697768-46-0P 697768-47-1P 697768-48-2P
 697768-50-6P 697768-52-8P 697768-54-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (amphoteric fluorescent whitening agents for paper)
 RN 697767-94-5 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis(2-hydroxypropyl)amino]-6-[[3-(dimethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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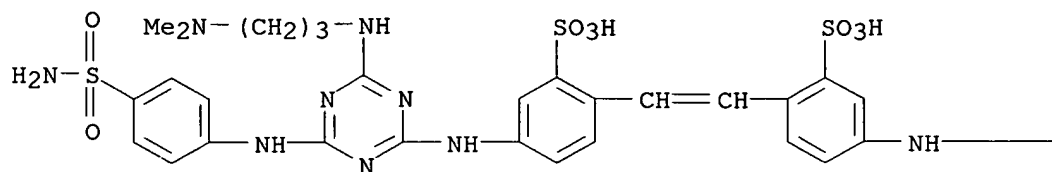
● 2 Na

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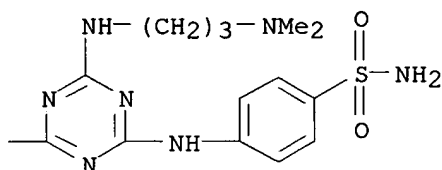


RN 697767-98-9 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[4-(aminosulfonyl)phenyl]amino]-6-[[3-(dimethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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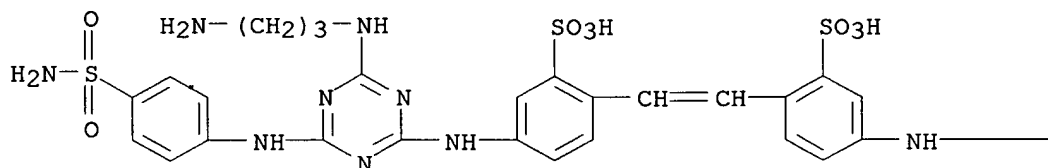
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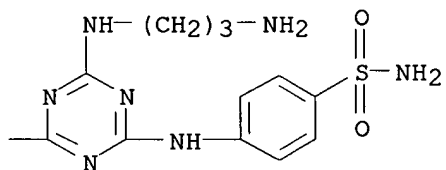
RN 697768-00-6 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-aminopropyl)amino]-6-[[4-(aminosulfonyl)phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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RN 697768-11-9 CAPLUS

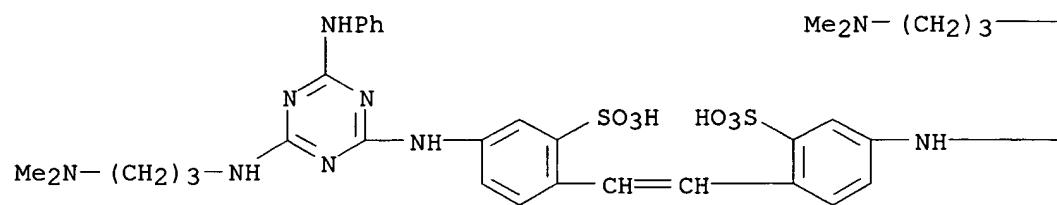
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]-, mixt with 5-[[4-[[3-(dimethylamino)propyl]amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]-2-[2-[4-[[4-[[3-(dimethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]benzenesulfonic acid and 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]benzenesulfonic acid] (9CI) (CA INDEX NAME)

CM 1

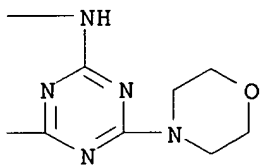
10/508,444

CRN 697768-10-8
CMF C40 H52 N14 O7 S2

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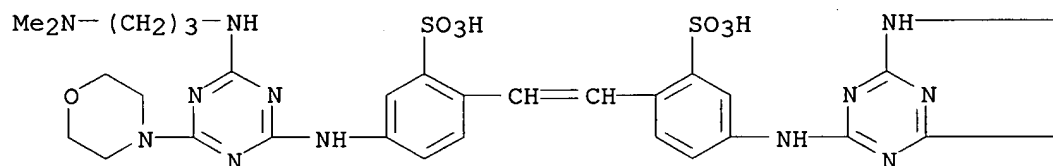
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CM 2

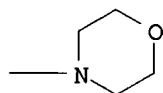
CRN 602304-09-6
CMF C38 H54 N14 O8 S2

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PAGE 1-B

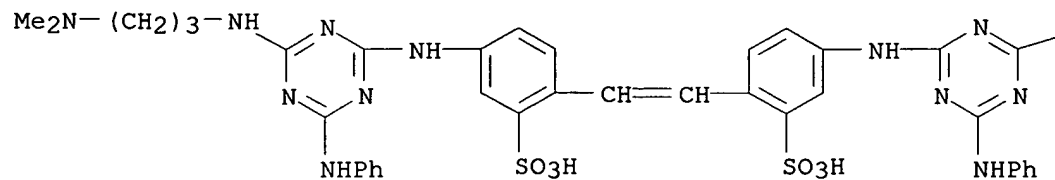
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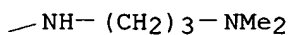
CM 3

CRN 19643-44-8
CMF C42 H50 N14 O6 S2

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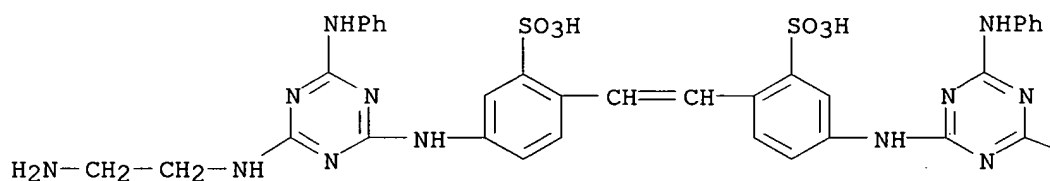
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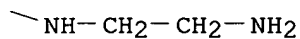
RN 697768-24-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(2-aminoethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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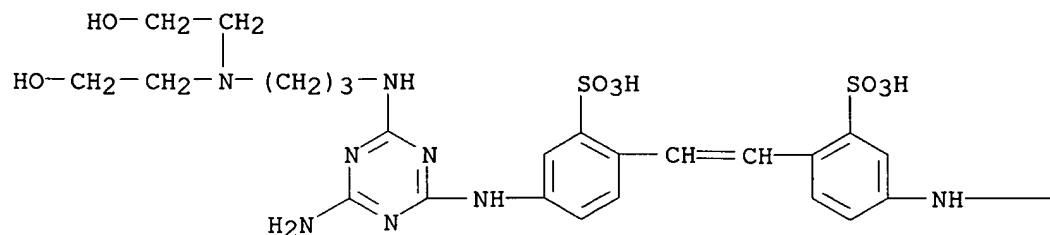
PAGE 1-B

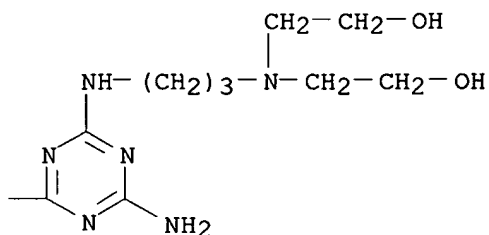


RN 697768-25-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-amino-6-[[3-[bis(2-hydroxyethyl)amino]propyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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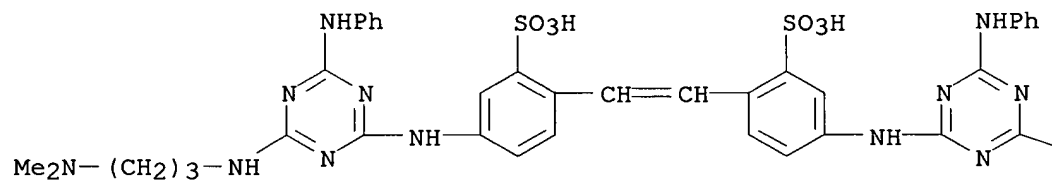
RN 697768-28-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis(2-hydroxyethyl)amino]-6-[[3-(dimethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt, mixt. with 5-[[4-[bis(2-hydroxyethyl)amino]-6-[[3-(dimethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-2-[2-[4-[[4-[[3-(dimethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]benzenesulfonic acid disodium salt and 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]benzenesulfonic acid] disodium salt (9CI) (CA INDEX NAME)

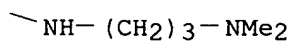
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CRN 697768-27-7

CMF C42 H50 N14 O6 S2 . 2 Na



● 2 Na

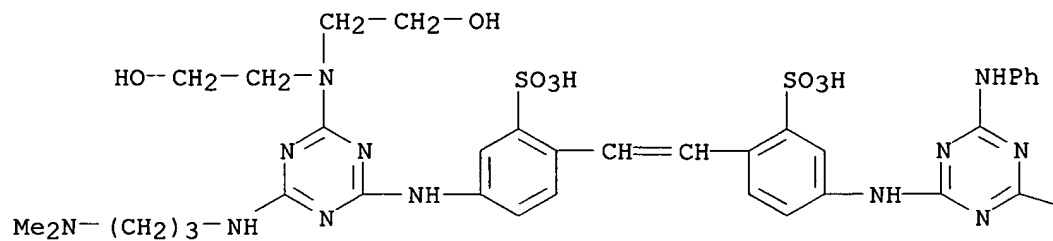


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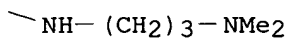
CMF C40 H54 N14 O8 S2 . 2 Na

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● 2 Na

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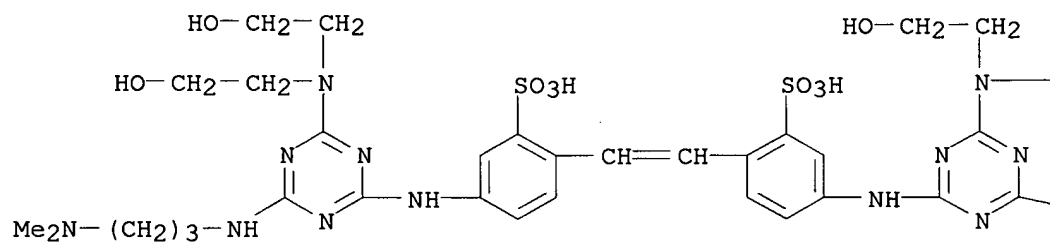


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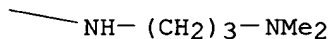
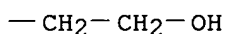
CRN 697767-93-4

CMF C38 H58 N14 O10 S2 . 2 Na

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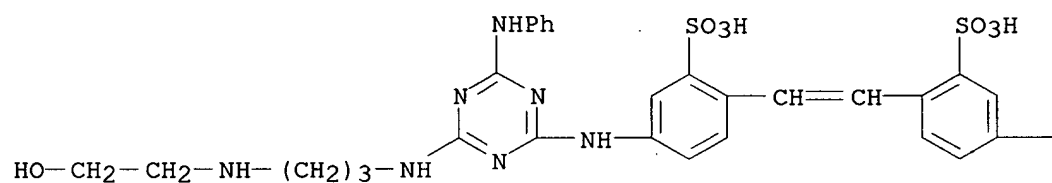
● 2 Na



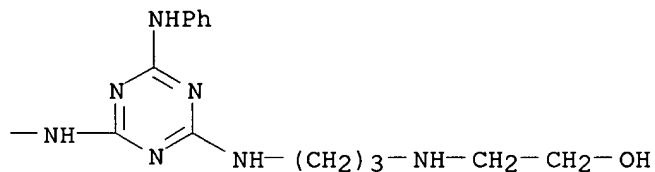
RN 697768-29-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[(2-hydroxyethyl)amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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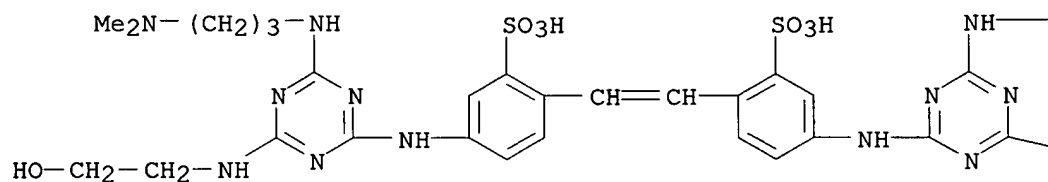
PAGE 1-B

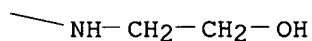
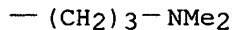


RN 697768-30-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

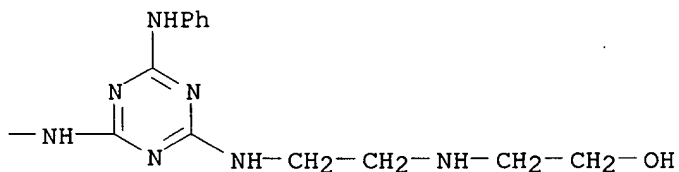
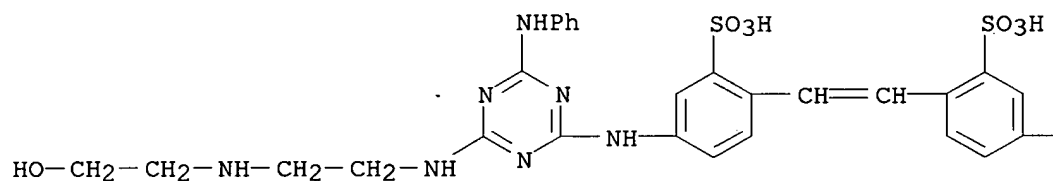
PAGE 1-A





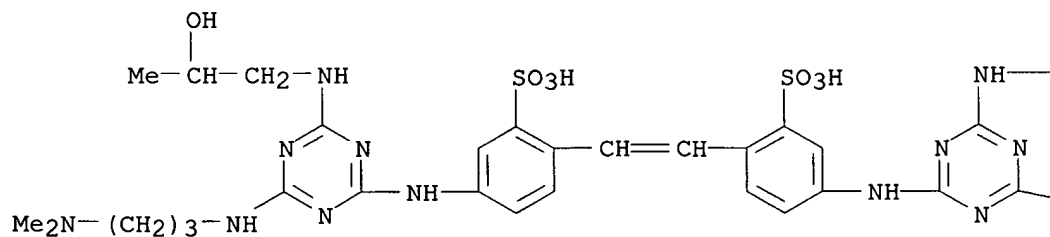
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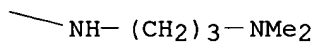
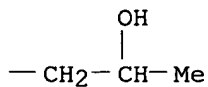
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-[(2-hydroxyethyl)amino]ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



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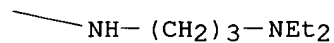
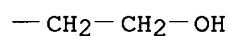
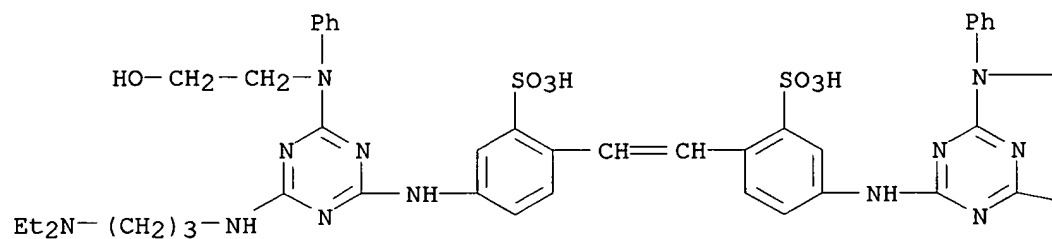
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-[(2-hydroxypropyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





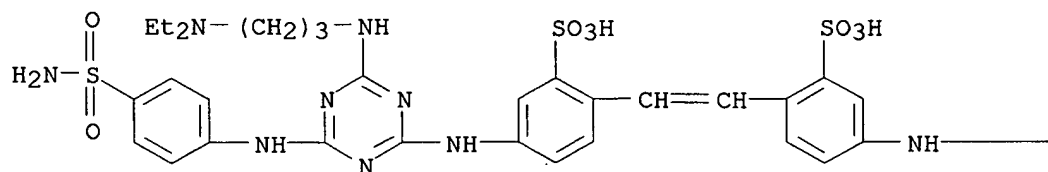
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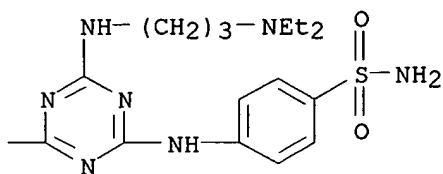
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(diethylamino)propyl]amino]-6-[(2-hydroxyethyl)phenylamino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



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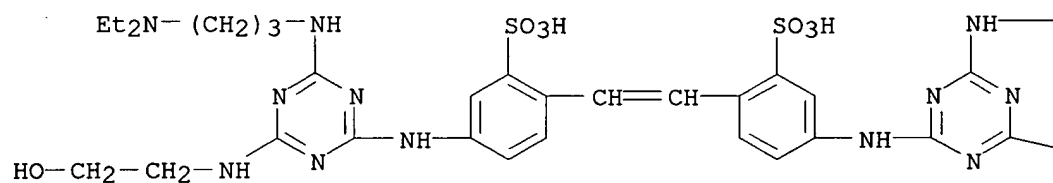
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[4-(aminosulfonyl)phenyl]amino]-6-[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





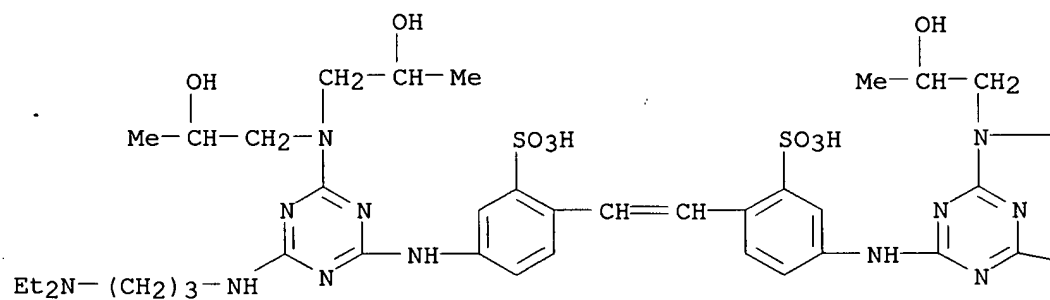
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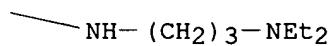
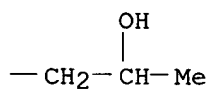
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(diethylamino)propyl]amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

— (CH₂)₃—NEt₂—NH—CH₂—CH₂—OH

RN 697768-45-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[bis(2-hydroxypropyl)amino]-6-[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

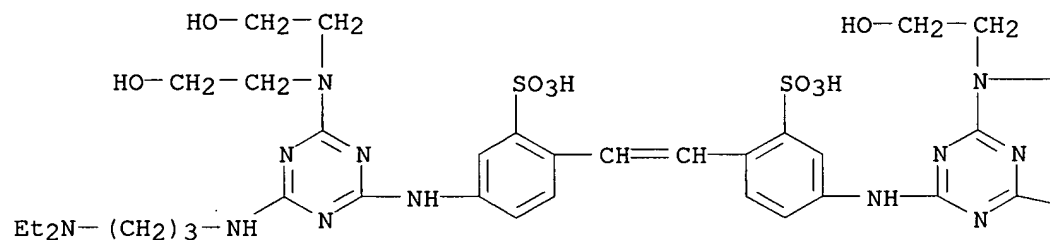




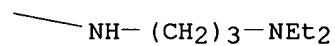
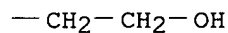
RN 697768-46-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis(2-hydroxyethyl)amino]-6-[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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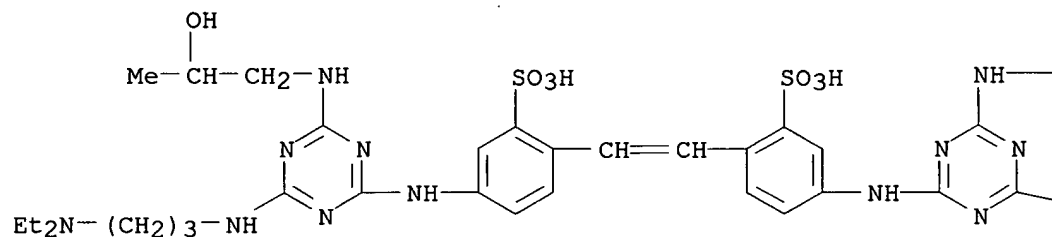
PAGE 1-B



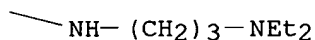
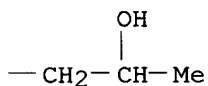
RN 697768-47-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[3-(diethylamino)propyl]amino]-6-[(2-hydroxypropyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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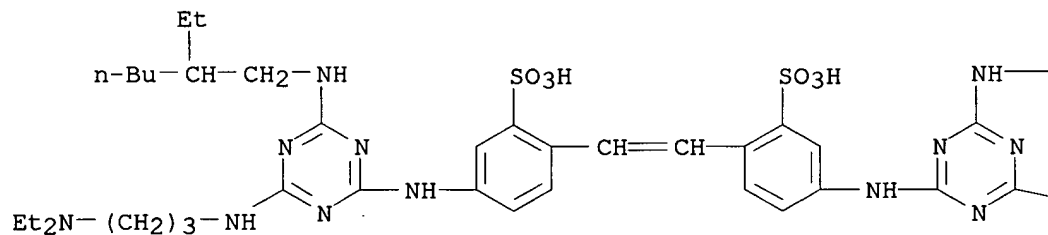
PAGE 1-B



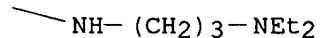
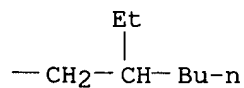
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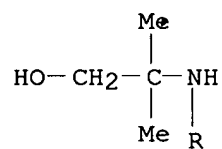
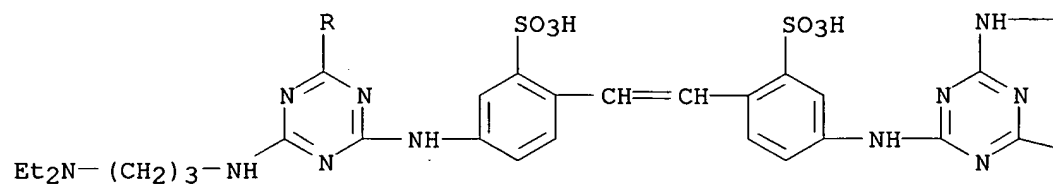
PAGE 1-B



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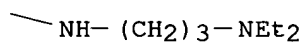
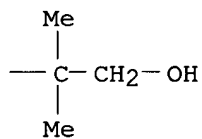
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(diethylamino)propyl]amino]-6-[(2-hydroxy-1,1-dimethylethyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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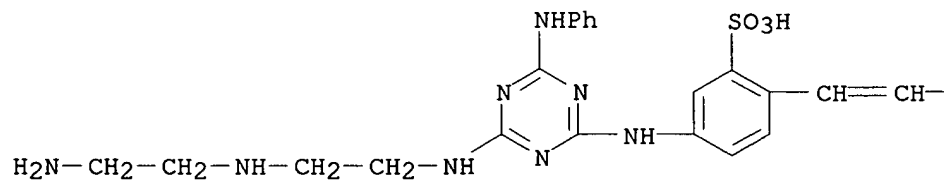
PAGE 1-B

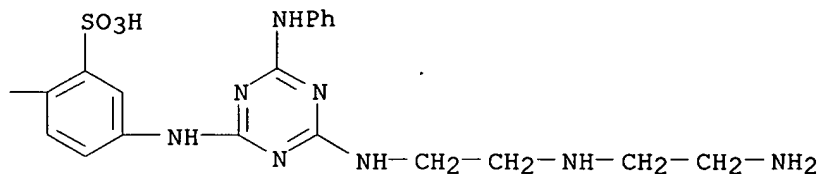


RN 697768-52-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-[(2-aminoethyl)amino]ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)

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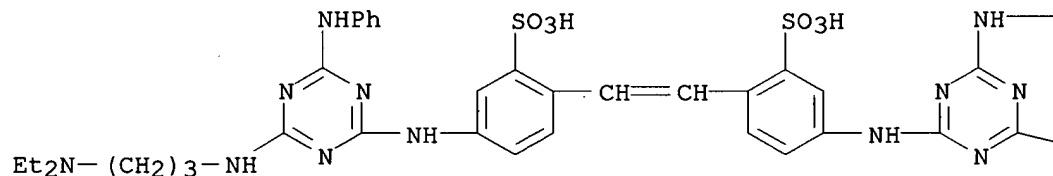
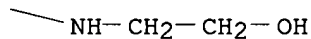
RN 697768-54-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(diethylamino)propyl]amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]-, mixt. with 5-[[4-[[3-(diethylamino)propyl]amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]-2-[2-[4-[[4-[[3-(diethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]benzenesulfonic acid and 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(diethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]benzenesulfonic acid] (9CI) (CA INDEX NAME)

CM 1

CRN 697768-53-9

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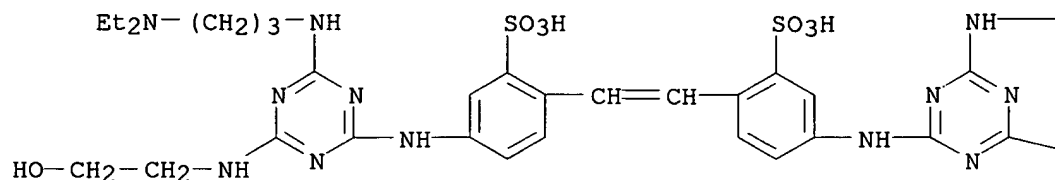
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CM 2

CRN 697768-44-8

CMF C38 H58 N14 O8 S2

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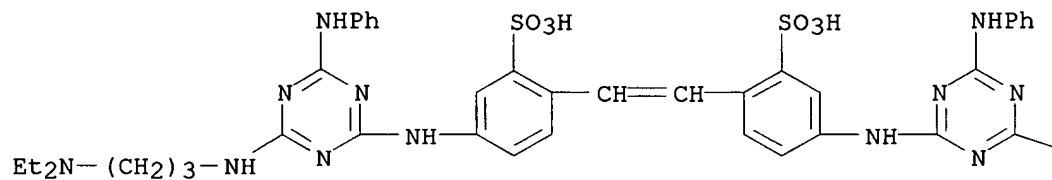
— (CH₂)₃—NEt₂—NH—CH₂—CH₂—OH

CM 3

CRN 697767-97-8

CMF C46 H58 N14 O6 S2

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—NH—(CH₂)₃—NEt₂

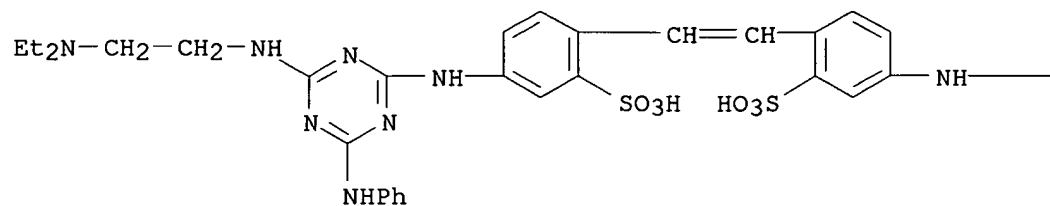
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RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (amphoteric fluorescent whitening agents for paper)

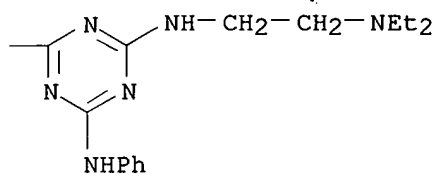
RN 134198-37-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(diethylamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-
 (9CI) (CA INDEX NAME)

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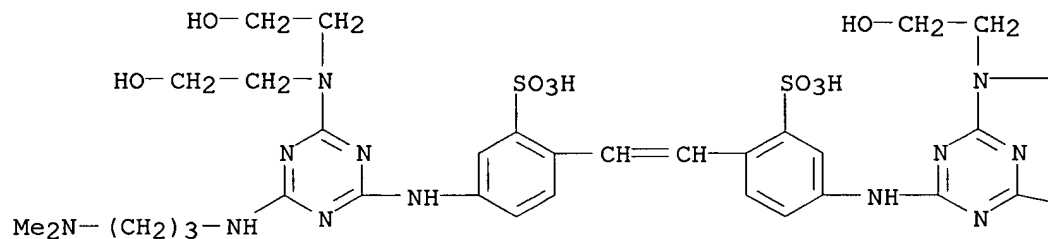
PAGE 1-B



RN 697767-93-4 CAPLUS

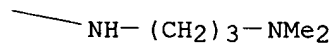
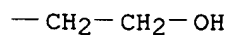
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis(2-hydroxyethyl)amino]-6-[[3-(dimethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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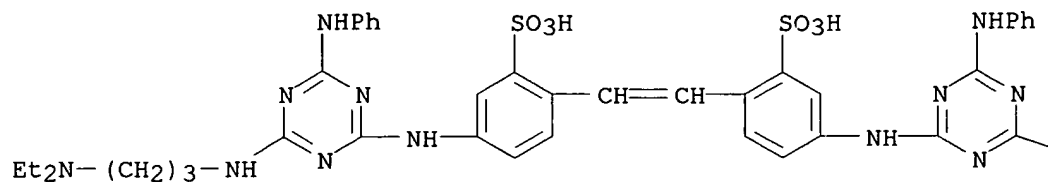
RN 697767-97-8 CAPLUS

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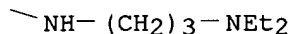
10/508,444

(diethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-
(9CI) (CA INDEX NAME)

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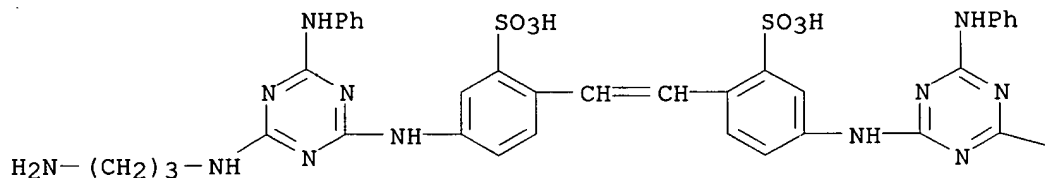
PAGE 1-B



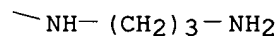
RN 697767-99-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-aminopropyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]benzenesulfonic acid and 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]benzenesulfonic acid (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



RN 697768-03-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-aminopropyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]benzenesulfonic acid and 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]benzenesulfonic acid (9CI) (CA INDEX NAME)

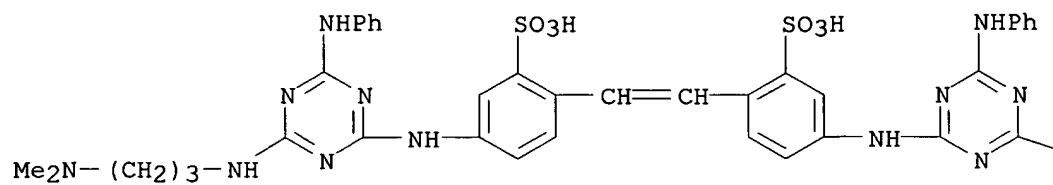
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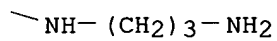
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PAGE 1-B

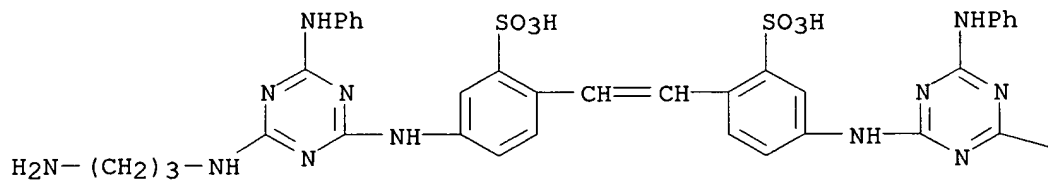


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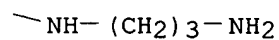
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PAGE 1-B

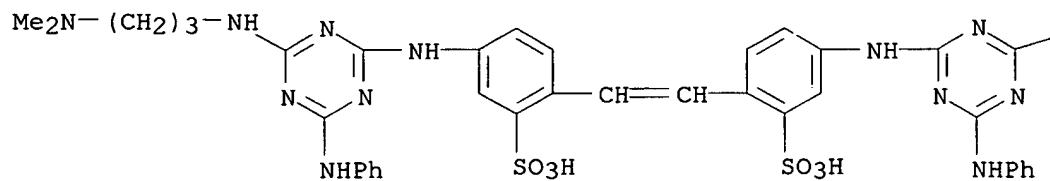


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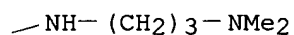
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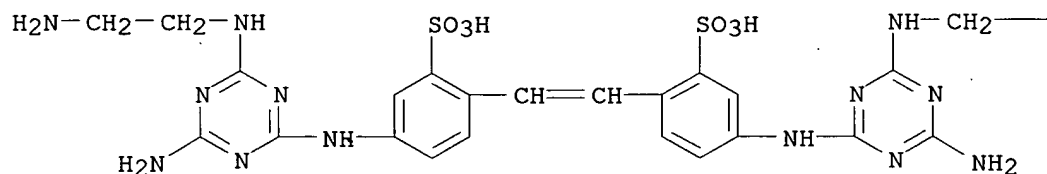
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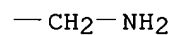
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CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-amino-6-[(2-aminoethyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



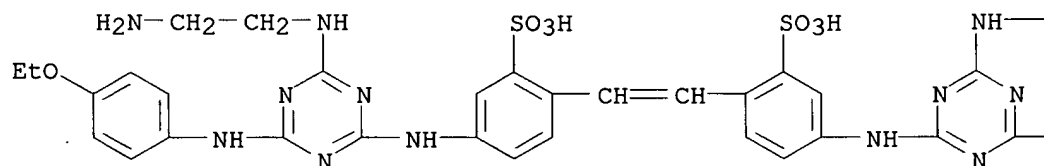
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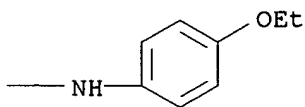
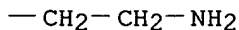


RN 697768-37-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(2-aminoethyl)amino]-6-[(4-ethoxyphenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

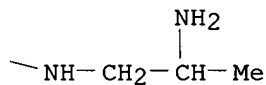
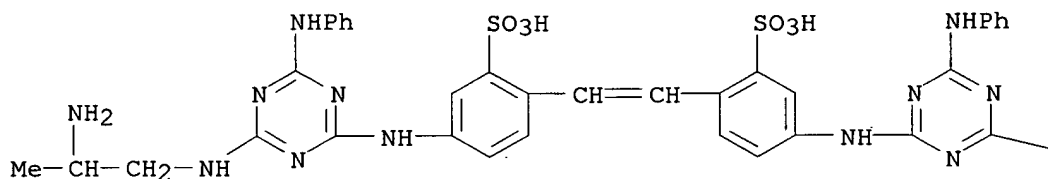
PAGE 1-A





RN 697768-39-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(2-aminopropyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



L4 ANSWER 10 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:796560 CAPLUS

DN 139:311889

TI Method for monitoring membrane separation processes

IN Zeiher, E. H. Kelle; Ho, Bosco P.; Hoots, John E.; Bedford, Binaifer; Godfrey, Martin R.

PA Ondo Nalco Company, USA

SO PCT Int. Appl., 68 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,			

FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF,
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US 6821428	B1	20041123	US 2002-109256	20020328
CA 2479208	AA	20031009	CA 2003-2479208	20030121
EP 1490161	A1	20041229	EP 2003-707468	20030121

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
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US 6838001	B2	20050104		

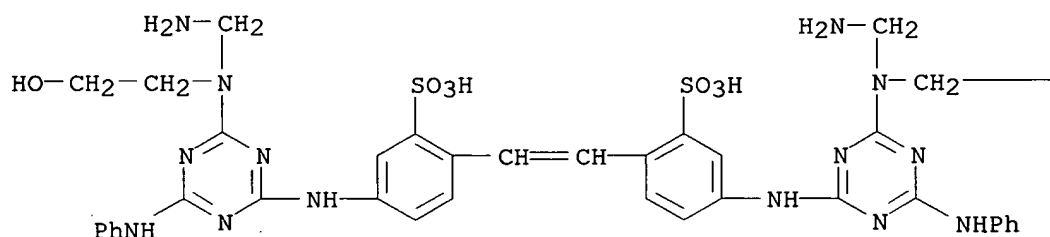
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 WO 2003-US1756 W 20030121

IT **169762-28-1**, Benzenesulfonic acid, {2,2'-(1,2-Ethenediyl)bis[5-[[4-
 [(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-
 yl]amino]}-,disodium salt
 RL: TEM (Technical or engineered material use); USES (Uses)
 (monitoring membrane separation processes using fluorescent tracer(s))

RN 169762-28-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-
 hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]}-, disodium
 salt (9CI) (CA INDEX NAME)

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● 2 Na

PAGE 1-B

—CH₂—OH

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:776954 CAPLUS
 DN 139:280840
 TI Method of monitoring membrane separation processes
 IN Zeiher, E. H. Kelle; Ho, Bosco P.; Hoots, John E.
 PA Nalco Co., USA
 SO U.S. Pat. Appl. Publ., 18 pp.
 CODEN: USXXCO

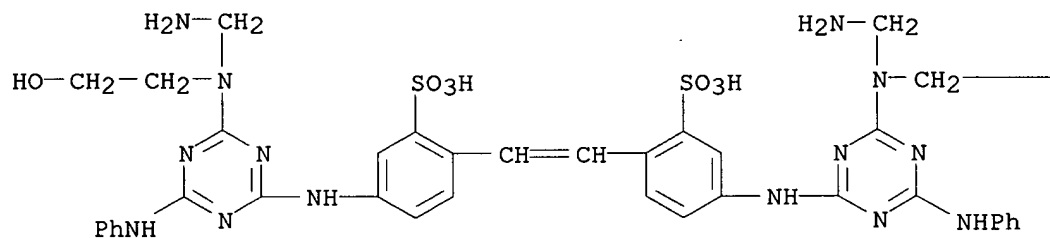
DT Patent
 LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 2003183575 A1 20031002 US 2002-109260 20020328
 US 6730227 B2 20040504
 CA 2478380 AA 20031009 CA 2003-2478380 20030115
 WO 2003082450 A1 20031009 WO 2003-US1209 20030115
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 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
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 JP 2005523801 T2 20050811 JP 2003-579973 20030115
 US 2004118776 A1 20040624 US 2003-683956 20031010
 US 2004104169 A1 20040603 US 2003-694476 20031027
 US 6838002 B2 20050104
 PRAI US 2002-109260 A 20020328
 WO 2003-US1209 W 20030115
 IT **169762-28-1**, Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-
 [(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-
 yl]amino]-, disodium salt
 RL: TEM (Technical or engineered material use); USES (Uses)
 (Tinopal 5BM-GX; method of monitoring membrane separation processes using
 fluorescent tracers)
 RN 169762-28-1 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-
 hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium
 salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

PAGE 1-B

—CH₂—OH

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:757686 CAPLUS

DN 139:262239

TI Amphoteric and cationic fluorescent brighteners, their production and their use

IN Scheffler, Goetz; Rohringer, Peter; Schlatter, Rene; Deisenthof, Ted

PA Ciba Specialty Chemicals Holding Inc., USA

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

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	US 2005161184	A1	20050728	US 2003-508444	20030313
PRAI	EP 2002-405211	A	20020319		
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OS MARPAT 139:262239

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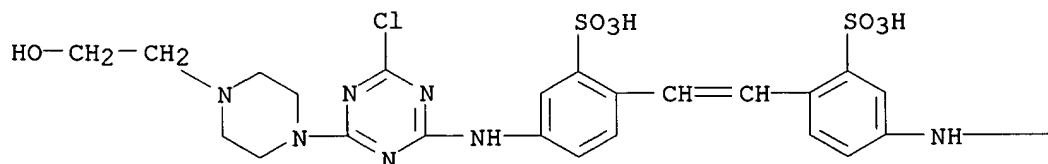
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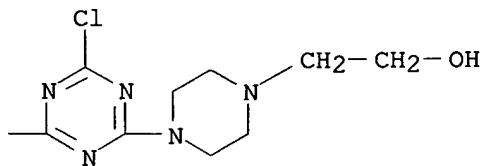
(brightener; production of piperazine- and triazine-based amphoteric and cationic fluorescent brighteners)

RN 602303-76-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-chloro-6-[4-(2-hydroxyethyl)-1-piperazinyl]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

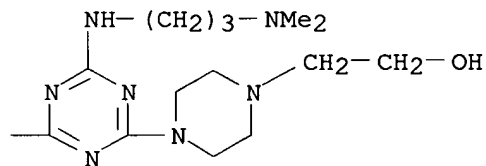
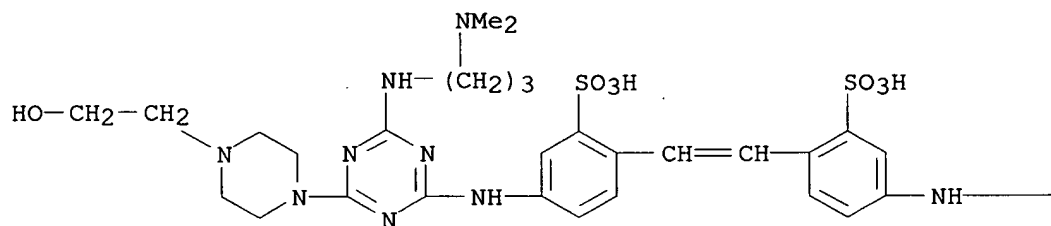
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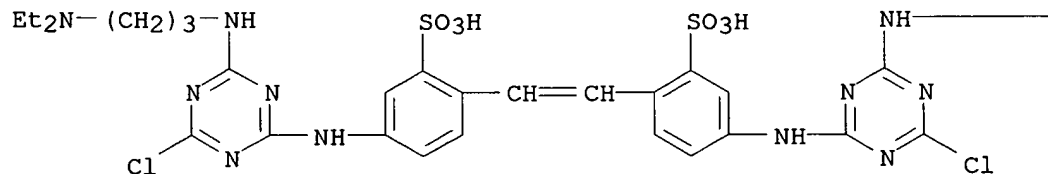
RN 602303-98-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-[4-(2-hydroxyethyl)-1-piperazinyl]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



RN 602304-12-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-chloro-6-[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

— (CH₂)₃—NEt₂

IT 602303-67-3P 602303-70-8P 602303-85-5P
 602304-07-4P 602304-14-3P 602304-16-5P
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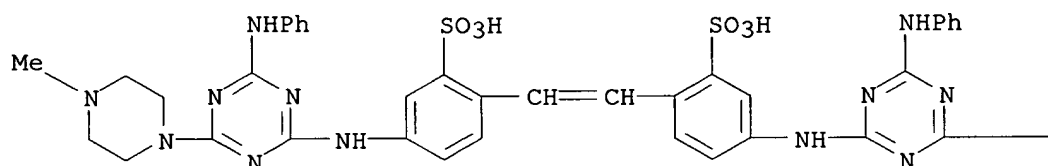
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(brightener; production of piperazine- and triazine-based amphoteric and cationic fluorescent brighteners)

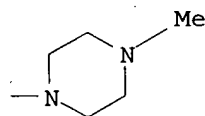
RN 602303-67-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-(4-methyl-1-piperazinyl)-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



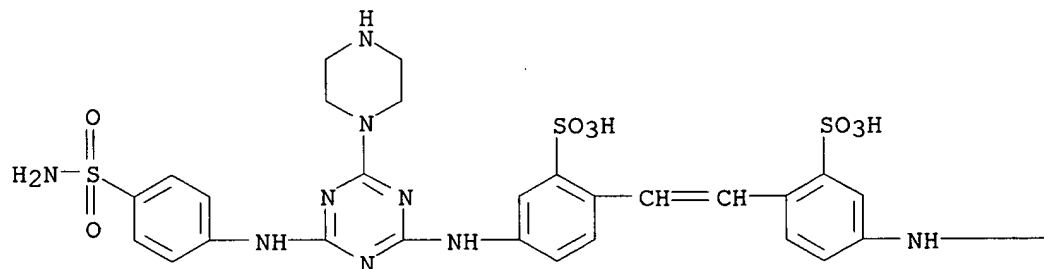
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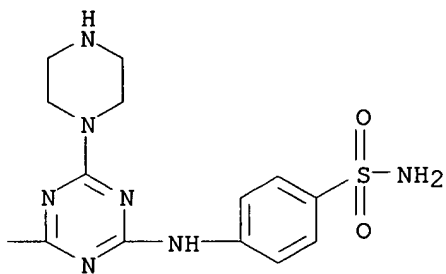


RN 602303-70-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[4-(aminosulfonyl)phenyl]amino]-6-(1-piperazinyl)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

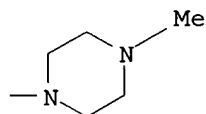
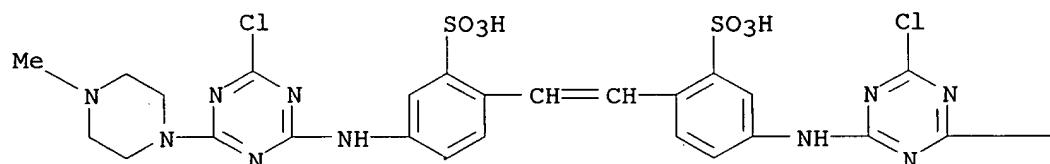
PAGE 1-A





RN 602303-85-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-chloro-6-(4-methyl-1-piperazinyl)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



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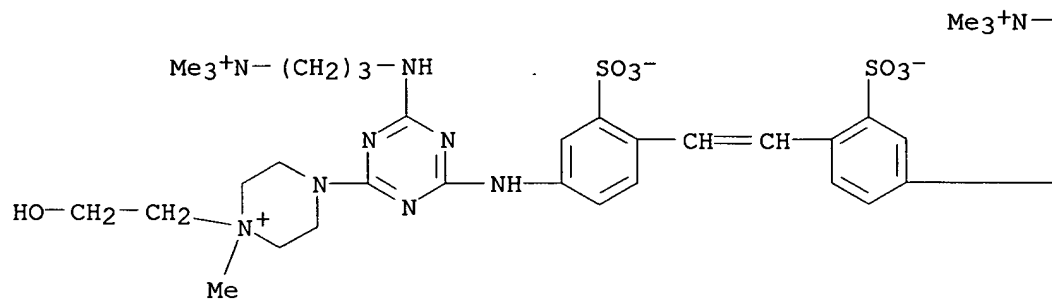
CN Piperazinium, 4,4'-[1,2-ethenediyl]bis[(3-sulfo-4,1-phenylene)imino[6-[[3-(trimethylammonio)propyl]amino]-1,3,5-triazine-4,2-diyl]]bis[1-(2-hydroxyethyl)-1-methyl-, bis(inner salt), bis(methyl sulfate) (salt) (9CI) (CA INDEX NAME)

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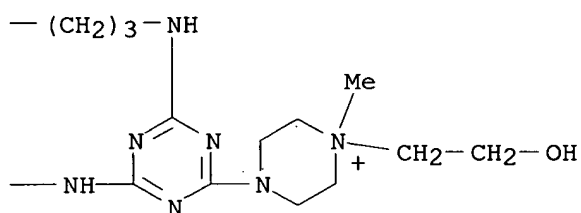
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PAGE 1-B



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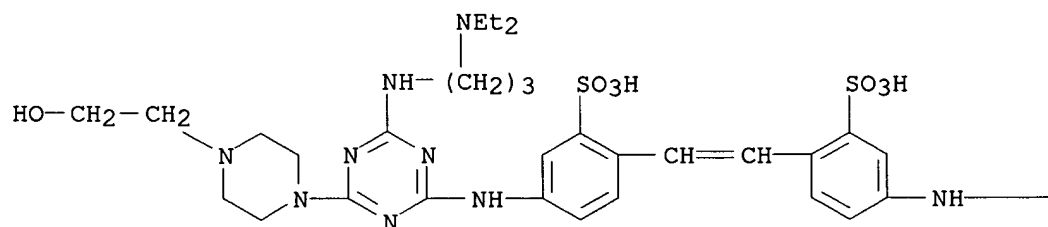
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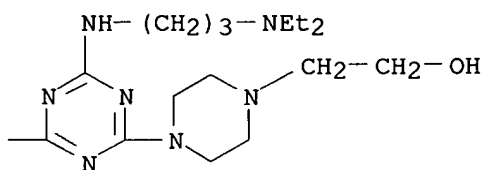
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RN 602304-14-3 CAPLUS

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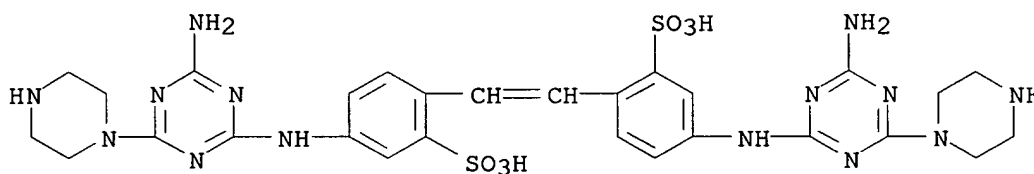
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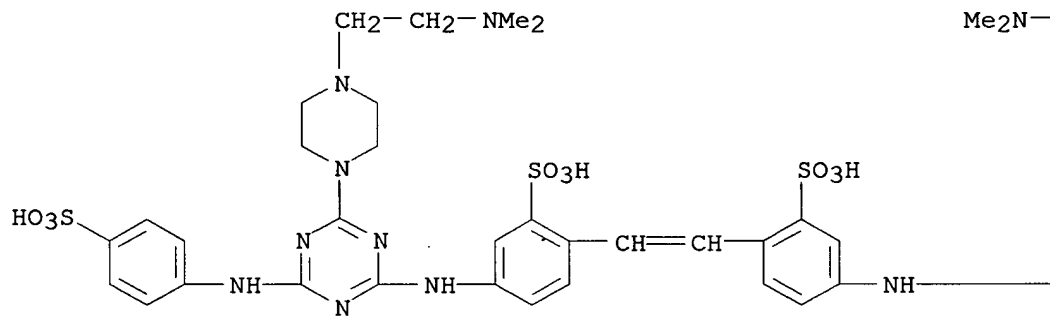
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-amino-6-(1-piperazinyl)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



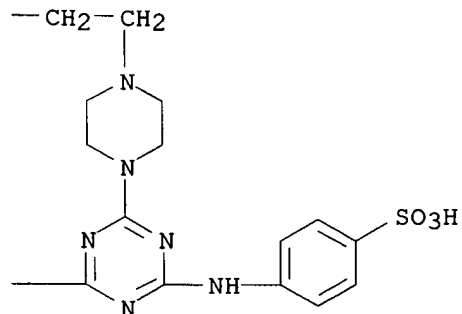
RN 602304-19-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[4-[2-(dimethylamino)ethyl]-1-piperazinyl]-6-[(4-sulfohenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A

Me₂N-

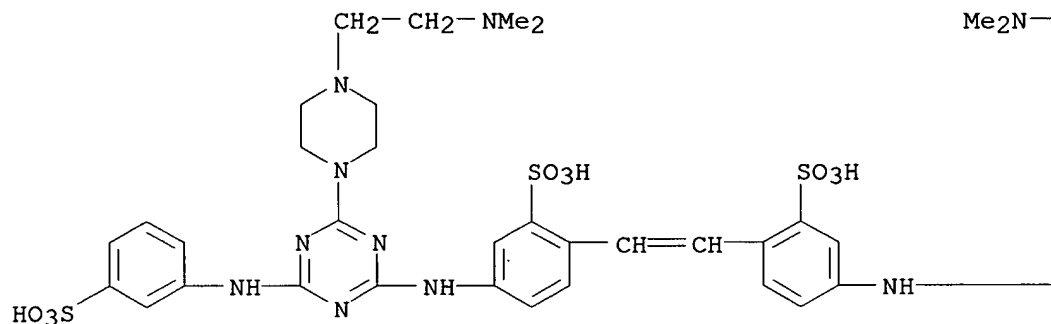
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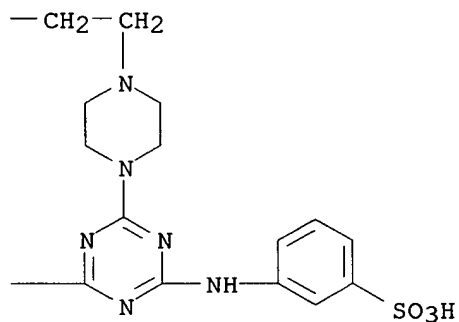
RN 602304-22-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[4-(2-(dimethylamino)ethyl)-1-piperazinyl]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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Me₂N—

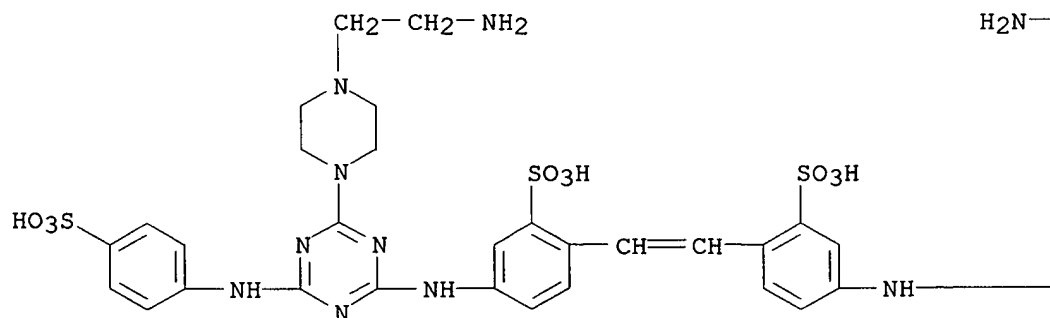
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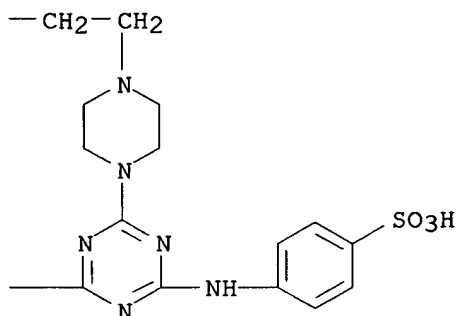
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CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[4-(2-aminoethyl)-1-piperazinyl]-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A

H₂N—

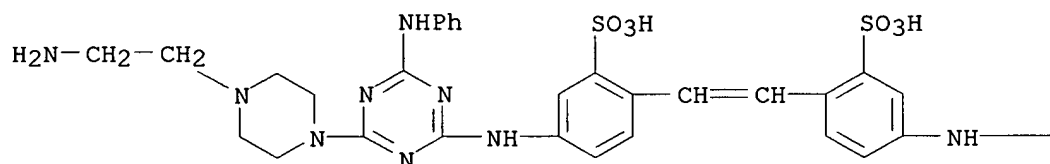
PAGE 1-B



RN 602304-25-6 CAPLUS

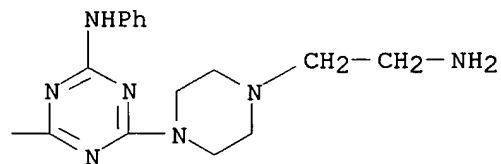
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[4-(2-aminoethyl)-1-piperazinyl]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, dihydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 HCl

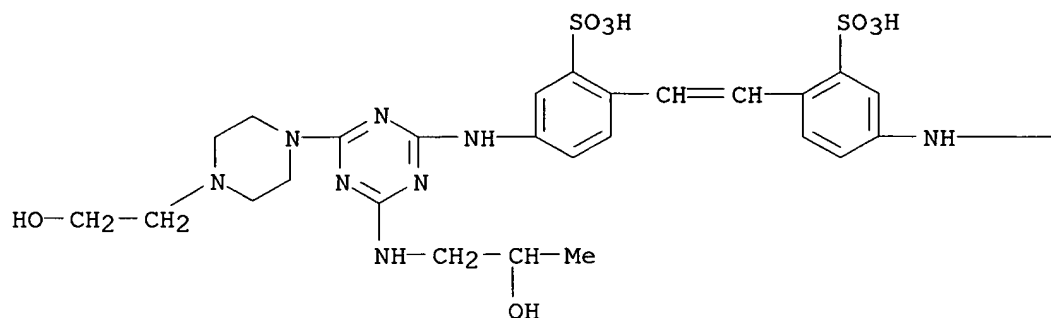
PAGE 1-B



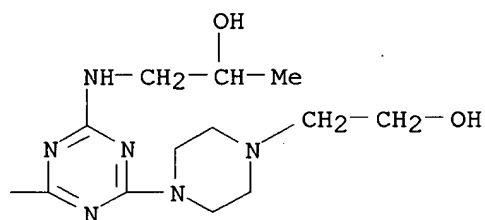
RN 602304-26-7 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[4-(2-hydroxyethyl)-1-piperazinyl]-6-[(2-hydroxypropyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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PAGE 1-B



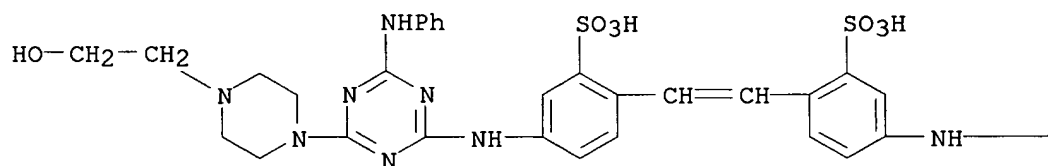
IT 602304-29-0P 602304-32-5P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(production of piperazine- and triazine-based)

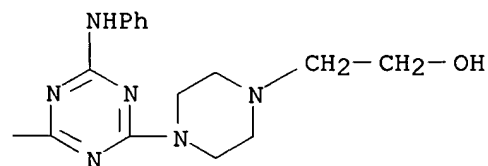
RN 602304-29-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[4-(2-hydroxyethyl)-1-piperazinyl]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

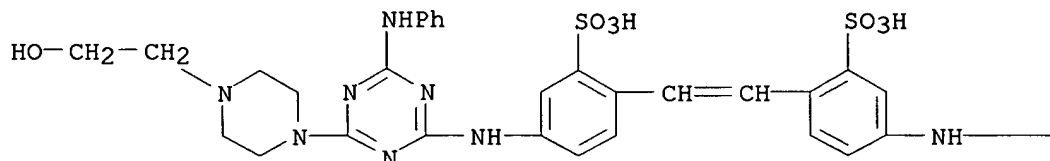


RN 602304-32-5 CAPLUS

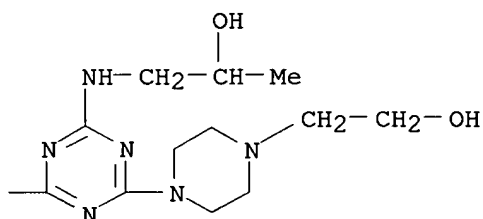
CN Benzenesulfonic acid, 5-[[4-[4-(2-hydroxyethyl)-1-piperazinyl]-6-[(2-

hydroxypropyl)amino]-1,3,5-triazin-2-yl]amino]-2-[2-[4-[[4-(2-hydroxyethyl)-1-piperazinyl]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulphophenyl]ethenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

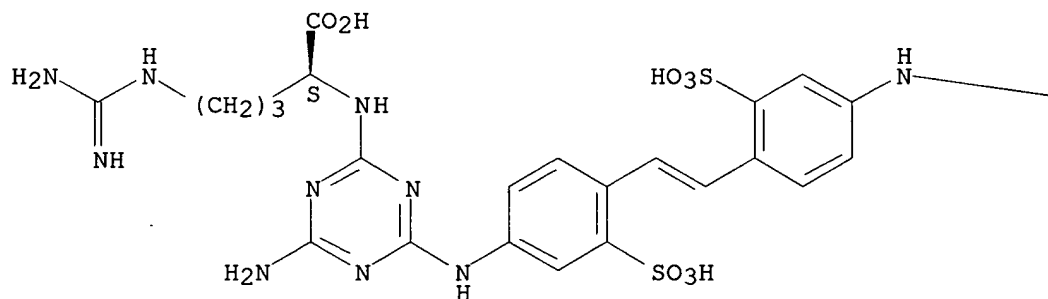
L4 ANSWER 13 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:678928 CAPLUS
DN 139:216187
TI Process for the treatment of textile fiber materials with fluorescent brighteners
IN Kaschig, Juergen; Hochberg, Robert; Becherer, Oliver; Metzger, Georges; Eckhardt, Claude
PA Ciba Specialty Chemicals Holding Inc., Switz.
SO PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

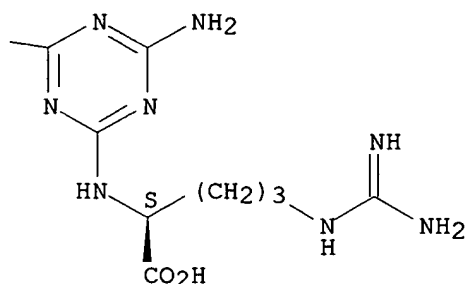
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003070869	A1	20030828	WO 2003-EP1618	20030218
W:				
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RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2003070870	A1	20030828	WO 2003-EP1619	20030218
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 BR 2003006184 A 20041019 BR 2003-6184 20030218
 BR 2003006187 A 20041019 BR 2003-6187 20030218
 EP 1478724 A1 20041124 EP 2003-706527 20030218
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 EP 1485460 A1 20041215 EP 2003-702652 20030218
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 JP 2005517800 T2 20050616 JP 2003-569763 20030218
 JP 2005517801 T2 20050616 JP 2003-569764 20030218
 ZA 2004002941 A 20050111 ZA 2004-2941 20040419
 ZA 2004002942 A 20050112 ZA 2004-2942 20040419
 PRAI EP 2002-405136 A 20020225
 EP 2002-405876 A 20021011
 WO 2003-EP1618 W 20030218
 WO 2003-EP1619 W 20030218
 OS MARPAT 139:216187
 IT **586963-11-3**
 RL: TEM (Technical or engineered material use); USES (Uses)
 (laundry detergent containing fluorescent brighteners)
 RN 586963-11-3 CAPLUS
 CN L-Arginine, N2,N2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino(6-amino-
 1,3,5-triazine-4,2-diyl)]]bis-, disodium salt (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry unknown.

PAGE 1-A





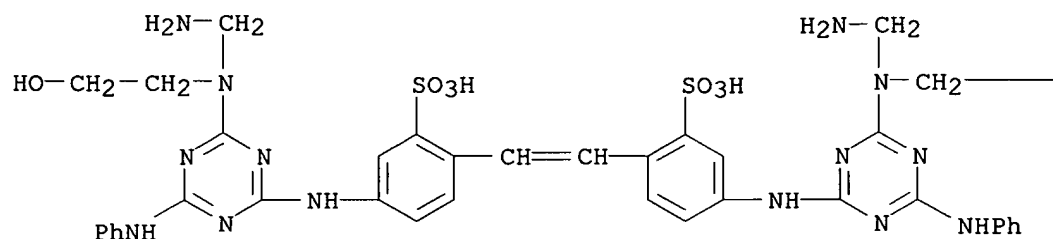
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:241981 CAPLUS
DN 138:273343
TI Water-soluble single-use laundry detergent package with fluorescent dye in the film
IN Hsu, Feng-Lung Gordon; Giblin, Edward John; Lee, Kwang H.
PA Unilever Home and Personal Care, USA, USA
SO U.S. Pat. Appl. Publ., 5 pp.
CODEN: USXXCO

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003060387	A1	20030327	US 2001-957329	20010920
	WO 2003026982	A1	20030403	WO 2002-EP10127	20020910
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2001-957329	A	20010920		
IT	169762-28-1 , Tinopal 5BMGX				
	RL: TEM (Technical or engineered material use); USES (Uses) (water-soluble laundry detergent package with fluorescent dye incorporated in the film)				
RN	169762-28-1 CAPLUS				
CN	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)				



● 2 Na

—CH₂—OH

L4 ANSWER 15 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:539784 CAPLUS

DN 137:110527

TI Optical brighteners compositions, their production and their use

IN Farrar, John Martin; Jackson, Andrew Clive; Tindal, Alec Stewart

PA Clariant International Ltd., Switz.

SO PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002055646	A1	20020718	WO 2002-IB39	20020108
	W: AU, BR, CA, CN, JP, NO, US, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	CA 2426776	AA	20020718	CA 2002-2426776	20020108
	EP 1352046	A1	20031015	EP 2002-729369	20020108
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	BR 2002006355	A	20031223	BR 2002-6355	20020108
	JP 2004517988	T2	20040617	JP 2002-556698	20020108
	NO 2003001970	A	20030710	NO 2003-1970	20030430
	ZA 2003003519	A	20040507	ZA 2003-3519	20030507
	US 2004074021	A1	20040422	US 2003-451818	20030625
	US 6890454	B2	20050510		
PRAI	GB 2001-610	A	20010110		
	WO 2002-IB39	W	20020108		
OS	MARPAT 137:110527				
IT	442681-90-5P				
	RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)				
	(production and use of optical brighteners compns.)				
RN	442681-90-5 CAPLUS				
CN	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-				

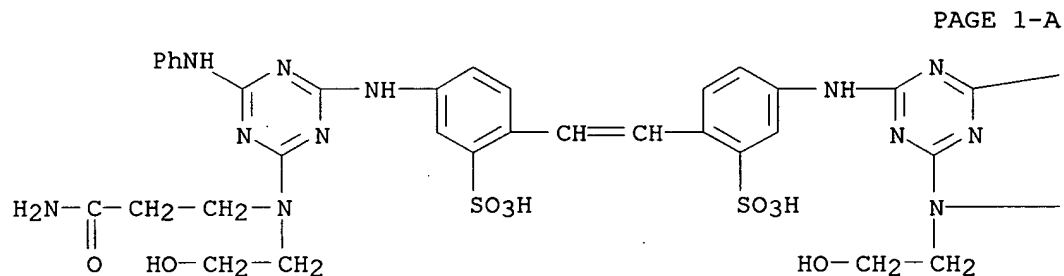
10/508,444

oxopropyl) (2-hydroxyethyl) amino]-6- (phenylamino)-1,3,5-triazin-2-yl]amino]-
, sodium salt, compd. with 2,2',2''-nitrilotris[ethanol] (9CI) (CA INDEX
NAME)

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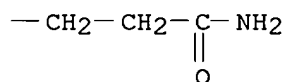
CRN 66085-71-0

CMF C42 H46 N14 O10 S2



PAGE 1-B

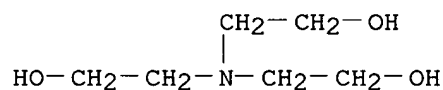
— NHPh



CM 2

CRN 102-71-6

CMF C6 H15 N O3



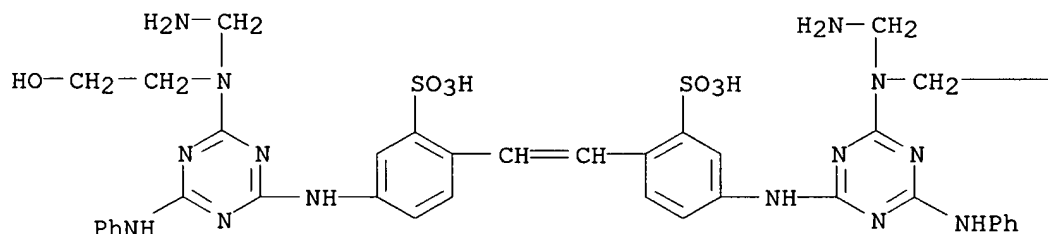
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 16 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:171605 CAPLUS
DN 136:212324
TI Fluorescent tracers to monitor application of treatment products to cut
flowers
IN Nieuwenhuis, Heleen; Janssen, Jan Am; Hoots, John E.
PA Ondo Nalco Company, USA
SO PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002017717	A1	20020307	WO 2001-US21397	20010705
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6472219	B1	20021029	US 2000-652309	20000831
	AU 2001071868	A5	20020313	AU 2001-71868	20010705
PRAI	US 2000-652309	A	20000831		
	WO 2001-US21397	W	20010705		
IT	169762-28-1, Tinopal 5BM-GX				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(fluorescent tracer to monitor application of treatment products to cut flowers)				
RN	169762-28-1 CAPLUS				
CN	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)				

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● 2 Na

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—CH₂—OH

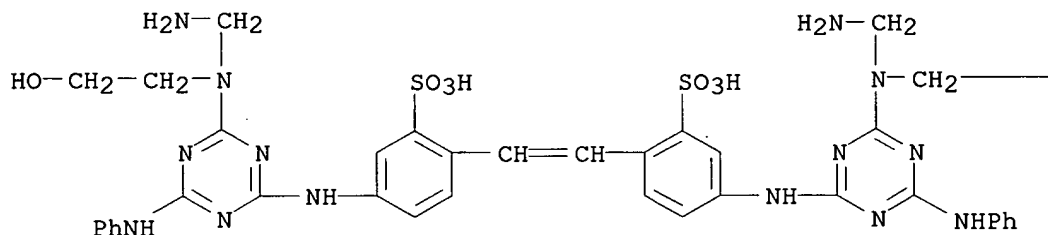
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:120634 CAPLUS
 DN 137:24001
 TI Fluorescence analysis of a standard fulvic acid and tertiary treated wastewater
 AU Westerhoff, Paul; Chen, Wen; Esparza, Mario

10/508,444

CS Department of Civil and Environmental Engineering, Arizona State University, Tempe, AZ, USA
SO Journal of Environmental Quality (2001), 30(6), 2037-2046
CODEN: JEVQAA; ISSN: 0047-2425
PB American Society of Agronomy
DT Journal
LA English
IT **169762-28-1**, Tinopal 5BM-GX
RL: ARU (Analytical role, unclassified); POL (Pollutant); ANST (Analytical study); OCCU (Occurrence)
(fluorescence anal. of standard fulvic acid and tertiary treated wastewater)
RN 169762-28-1 CAPLUS
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

PAGE 1-B

—CH2—OH

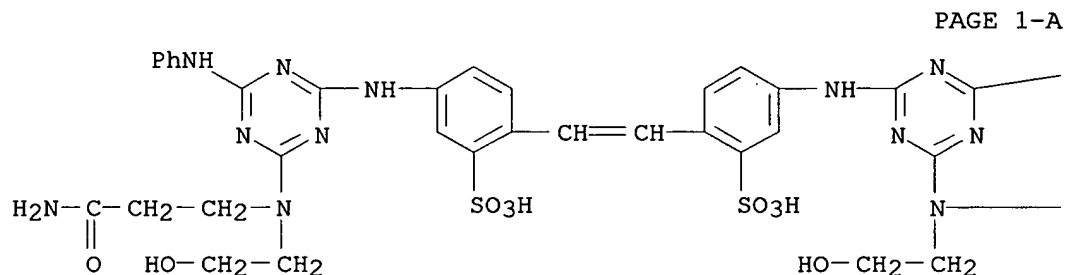
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:625829 CAPLUS
DN 136:120052
TI Inhibition of light-induced color reversion by diaminostilbene derivatives
fluorescent whitening agents -- molecular simulation correlation
AU Bourgoing, Steve; Robert, Sylvain
CS Centre de Recherche en Pates et Papiers, Universite du Quebec a
Trois-Rivieres, QC, G9A 5H7, Can.
SO Preprint - PAPTAC Annual Meeting, 87th, Montreal, QC, Canada, Jan. 30-Feb.
1, 2001 (2001), Volume Book B, B47-B54 Publisher: PAPTAC, Montreal, Que.
CODEN: 69BSJ3
DT Conference
LA English
IT **27344-06-5 390798-81-9 390798-83-1**
390798-87-5 390798-89-7
RL: MOA (Modifier or additive use); USES (Uses)

(mol. simulation correlation of pulp photoyellowing prevention by
diaminostilbene derivative brighteners)

RN 27344-06-5 CAPLUS

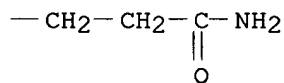
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl) (2-hydroxyethyl) amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



●2 Na

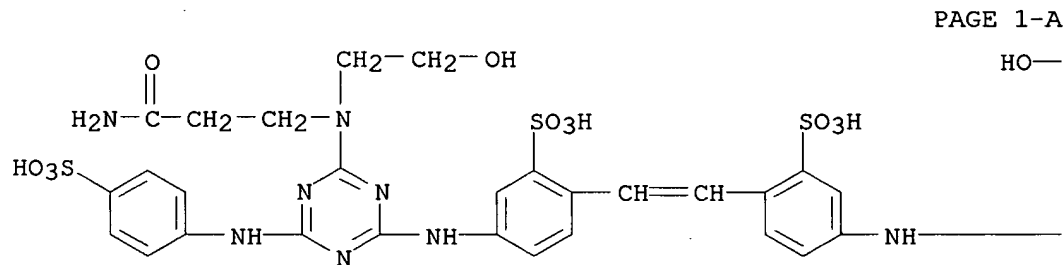
PAGE 1-B

—NHPh

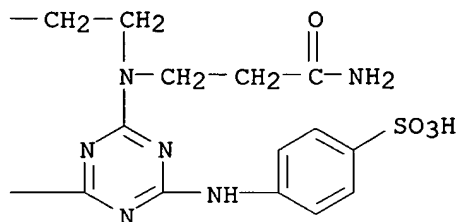


RN 390798-81-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl) (2-hydroxyethyl) amino]-6-[(4-sulfophenyl) amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

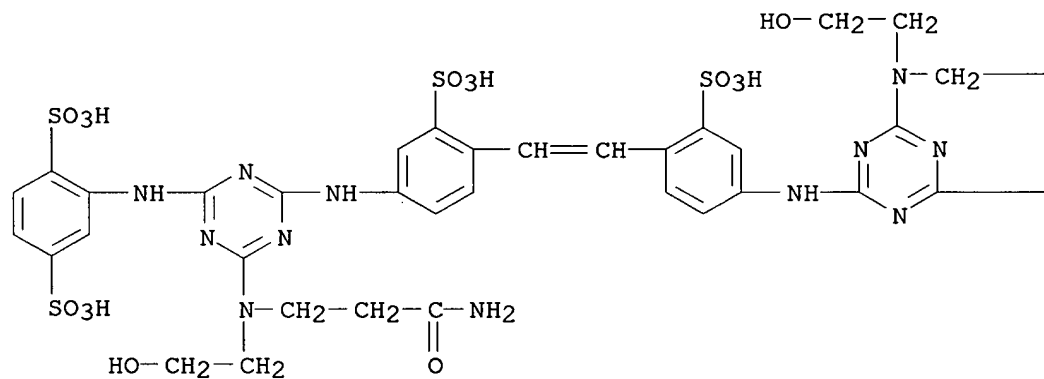


●2 Na

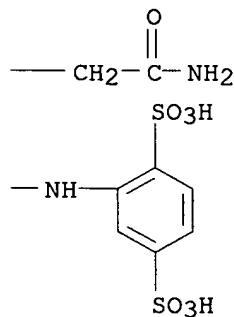


RN 390798-83-1 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-amino-3-oxopropyl)(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, disodium salt (9CI) (CA INDEX NAME)



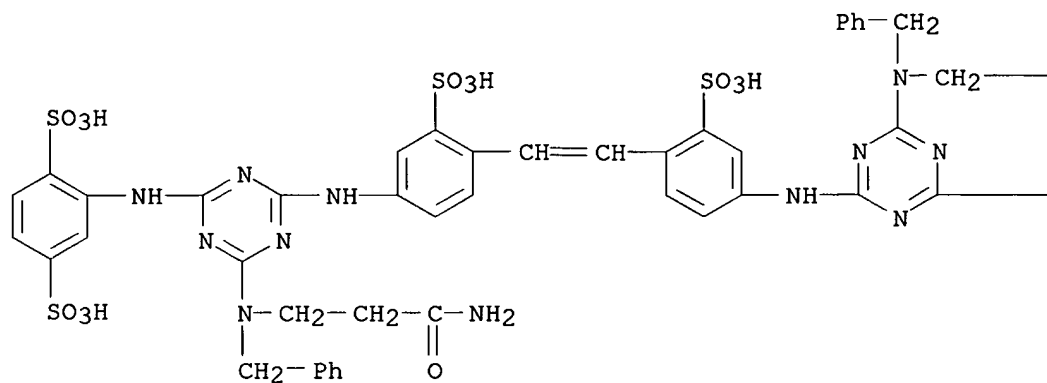
● 2 Na



RN 390798-87-5 CAPLUS

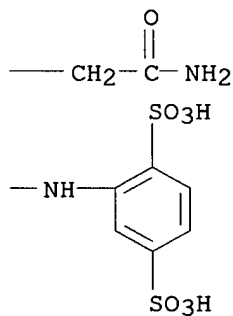
CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-amino-3-oxopropyl)(phenylmethyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

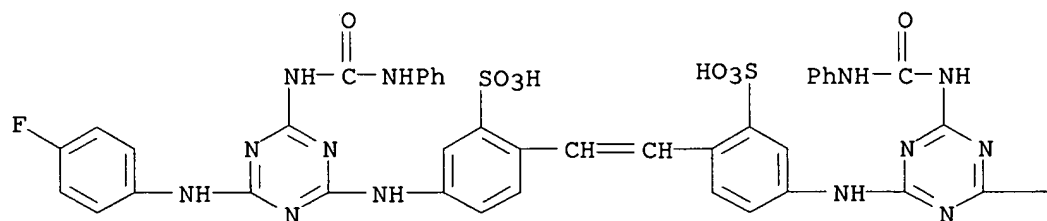
PAGE 1-B



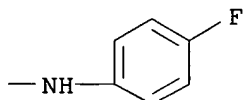
RN 390798-89-7 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[(phenylamino) carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na



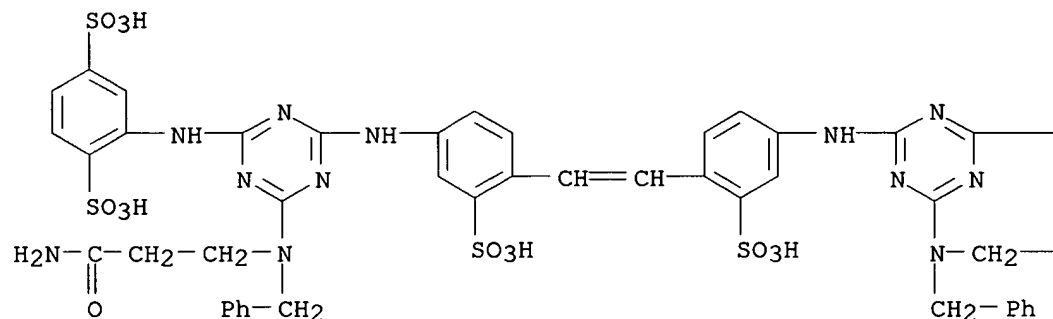
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:472839 CAPLUS
DN 135:78263
TI Cationically modified white pigments and their use in papermaking
IN Farrar, John Martin; Jackson, Andrew Clive; Tindal, Alec Stewart
PA Clariant Finance (BvI) Limited, Virgin I. (Brit.); Clariant International Ltd
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001046323	A1	20010628	WO 2000-IB1904	20001219
	W: AU, BR, CA, CN, JP, NO, SI, US, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	CA 2389573	AA	20010628	CA 2000-2389573	20001219
	BR 2000016641	A	20021001	BR 2000-16641	20001219
	EP 1250385	A1	20021023	EP 2000-981539	20001219
	EP 1250385	B1	20030702		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	EP 1310529	A2	20030514	EP 2003-2765	20001219
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	JP 2003518189	T2	20030603	JP 2001-547226	20001219
	AT 244282	E	20030715	AT 2000-981539	20001219
	PT 1250385	T	20030930	PT 2000-981539	20001219
	ES 2202199	T3	20040401	ES 2000-981539	20001219
	AU 777651	B2	20041028	AU 2001-18772	20001219
	ZA 2002003363	A	20030728	ZA 2002-3363	20020426
	US 2003010459	A1	20030116	US 2002-149901	20020617
	US 6911116	B2	20050628		
	NO 2002002931	A	20020822	NO 2002-2931	20020618
PRAI	GB 1999-30177	A	19991222		
	EP 2000-981539	A3	20001219		
	WO 2000-IB1904	W	20001219		
IT	68134-04-3DP , reaction products with polyols, epichlorohydrin and amines				
	RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)				
	(cationically modified white pigments and their use in papermaking)				
RN	68134-04-3	CAPLUS			

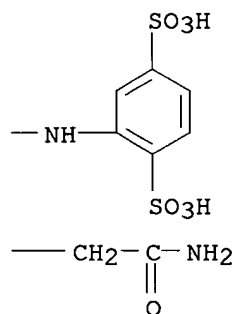
CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-amino-3-oxopropyl) (phenylmethyl) amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●6 Na

PAGE 1-B



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 20 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:819438 CAPLUS
DN 132:64919
TI Polycationic polymer salts containing optical brighteners, their
production and use in papermaking
IN Farrar, John Martin; Graham, Mark D.; Jackson, Andrew C.
PA Clariant Finance (BVI) Limited, Virgin I. (Brit.); Clariant International
Ltd.
SO PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9967317	A1	19991229	WO 1999-IB1159	19990621

W: AU, BR, CA, CN, JP, NO, US, ZA

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE

CA 2335229	AA	19991229	CA 1999-2335229	19990621
AU 9942843	A1	20000110	AU 1999-42843	19990621
AU 757908	B2	20030313		
BR 9911417	A	20010320	BR 1999-11417	19990621
EP 1127087	A1	20010829	EP 1999-957172	19990621
EP 1127087	B1	20030409		
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE, PT, FI				
JP 2002518568	T2	20020625	JP 2000-555965	19990621
AT 236946	E	20030415	AT 1999-957172	19990621
PT 1127087	T	20030829	PT 1999-957172	19990621
ES 2193763	T3	20031101	ES 1999-957172	19990621
ZA 2000007043	A	20011129	ZA 2000-7043	20001129
NO 2000006589	A	20010222	NO 2000-6589	20001221
US 6426382	B1	20020730	US 2000-720305	20001221
PRAI GB 1998-13248	A	19980622		
WO 1999-IB1159	W	19990621		

IT **68134-04-3DP**, reaction products with polyols and epichlorohydrin and amines

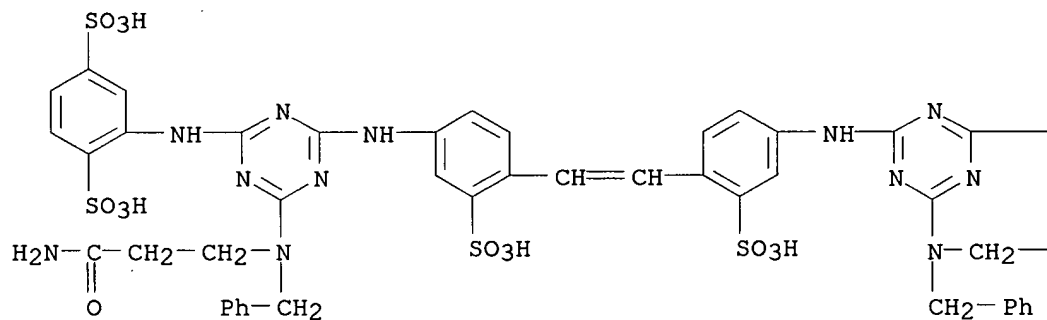
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

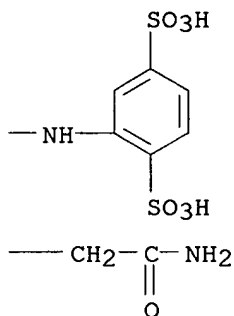
(polycationic polymer salts containing optical brighteners, their production and use in papermaking)

RN 68134-04-3 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-amino-3-oxopropyl)(phenylmethyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)

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RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1999:640956 CAPLUS

DN 131:273416

TI Water-soluble sunscreens and detergent compositions containing them

IN Cox, Russell Duncan; Finch, Timothy David; Griffiths, John; Maddison, Christopher; Wilkes, Ian Paul

PA Unilever PLC, UK; Unilever N.V.; Hindustan Lever Ltd.

SO PCT Int. Appl., 33 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9950379	A1	19991007	WO 1999-EP1962	19990323
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9935980	A1	19991018	AU 1999-35980	19990323
PRAI	GB 1998-7073	A	19980401		
	GB 1998-7074	A	19980401		
	WO 1999-EP1962	W	19990323		

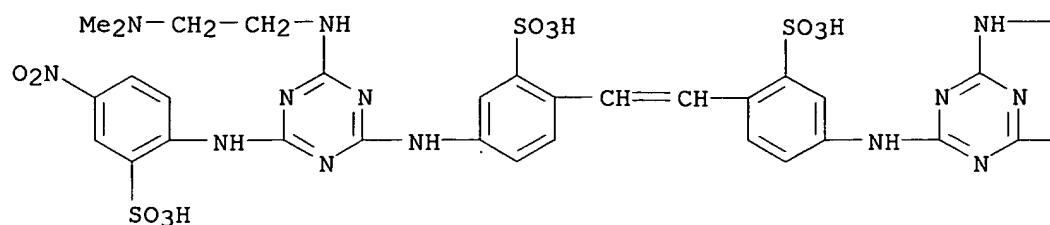
OS MARPAT 131:273416

IT **245335-52-8**

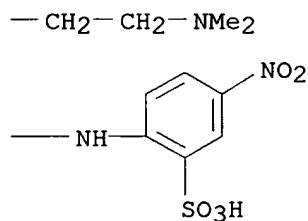
RL: MOA (Modifier or additive use); USES (Uses)
(water-soluble sunscreens for detergents)

RN 245335-52-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(dimethylamino)ethyl]amino]-6-[(4-nitro-2-sulphophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)



●4 Na



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

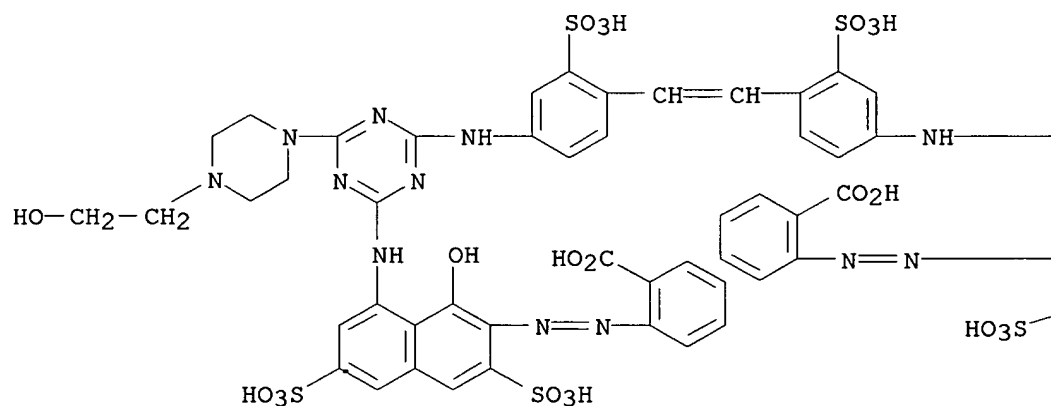
L4 ANSWER 22 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:233966 CAPLUS
DN 130:283356
TI Bridged monoazo dyes, their preparation and their use
IN Lehr, Friedrich
PA Clariant Finance (BVI) Limited, Virgin I. (Brit.); Clariant International Ltd.
SO PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9916833	A1	19990408	WO 1998-IB1463	19980922
W: BR, ID, JP, MX, TR, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1017744	A1	20000712	EP 1998-941646	19980922
EP 1017744	B1	20021204		
R: AT, CH, DE, ES, FR, GB, IT, LI, SE, FI				
BR 9812520	A	20000725	BR 1998-12520	19980922
TR 200000844	T2	20010321	TR 2000-200000844	19980922
JP 2001518545	T2	20011016	JP 2000-513910	19980922
AT 229058	E	20021215	AT 1998-941646	19980922
ES 2188002	T3	20030616	ES 1998-941646	19980922
US 6365719	B1	20020402	US 2000-509575	20000327
PRAI GB 1997-20507	A	19970927		
GB 1997-20508	A	19970927		
GB 1997-25758	A	19971205		

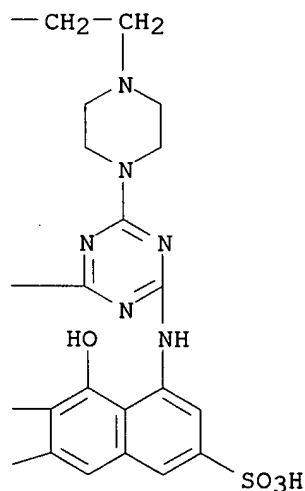
WO 1998-IB1463 W 19980922
 OS MARPAT 130:283356
 IT **222731-59-1P 222960-99-8P**
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (dye; production of bridged azo direct dyes for paper and ink)
 RN 222731-59-1 CAPLUS
 CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[4-(2-hydroxyethyl)-1-piperazinyl]-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)

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HO—



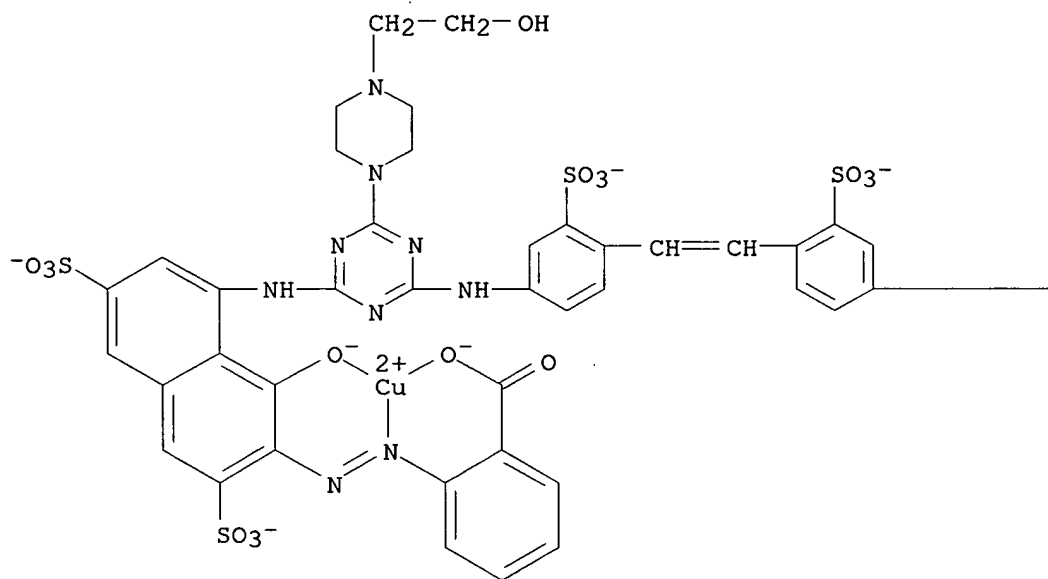
PAGE 1-B



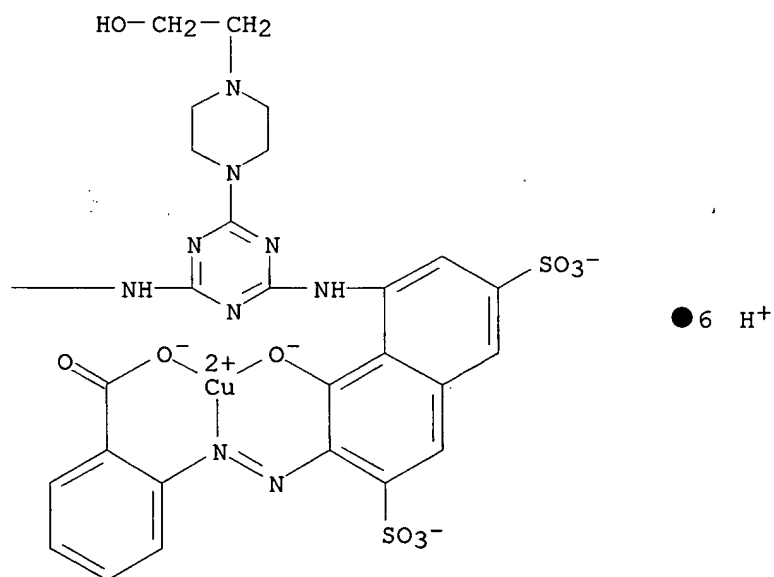
RN 222960-99-8 CAPLUS
 CN Cuprate(6-), [μ-[2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-

phenylene)imino[6-[4-(2-hydroxyethyl)-1-piperazinyl]-1,3,5-triazine-4,2-diyl]imino[8-(hydroxy- κ O)-3,6-disulfo-1,7-naphthalenediyl]azo- κ N1]]bis[benzoato- κ O]](10-)]di-, hexahydrogen (9CI) (CA INDEX NAME)

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RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

AN 1998:466333 CAPLUS

DN 129:123760

TI Preparation of triazinylaminostilbenes as ultra-violet absorbing agents for textile fibers

IN Eckhardt, Claude; Metzger, Georges; Reinehr, Dieter; Sauter, Hanspeter; Dubini, Mario

PA Ciba Specialty Chemicals Holding Inc., Switz.

SO Eur. Pat. Appl., 19 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 850934	A1	19980701	EP 1997-810986	19971216
	EP 850934	B1	20040310		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	GB 2320714	A1	19980701	GB 1997-25501	19971203
	ES 2214601	T3	20040916	ES 1997-810986	19971216
	ZA 9711567	A	19980624	ZA 1997-11567	19971223
	AU 9749256	A1	19980625	AU 1997-49256	19971223
	AU 739556	B2	20011018		
	CN 1191861	A	19980902	CN 1997-107278	19971223
	CN 1118461	B	20030820		
	BR 9705635	A	19990518	BR 1997-5635	19971223
	US 5945396	A	19990831	US 1997-996895	19971223
	JP 10182622	A2	19980707	JP 1997-354922	19971224
PRAI	GB 1996-26851	A	19961224		

OS MARPAT 129:123760

IT 210101-79-4P 210101-81-8P 210101-82-9P

210101-84-1P 210101-85-2P 210101-86-3P

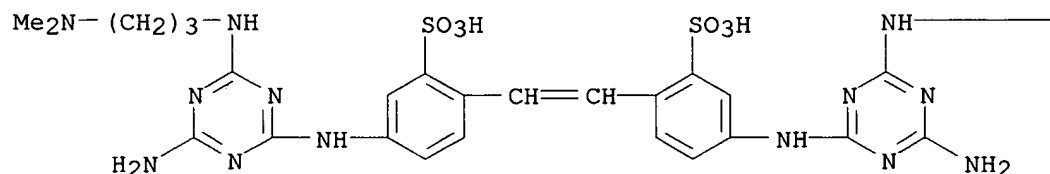
RL: IMF (Industrial manufacture); PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(preparation of triazinylaminostilbenes as ultra-violet absorbing agents for textile fibers)

RN 210101-79-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-amino-6-[[3-(dimethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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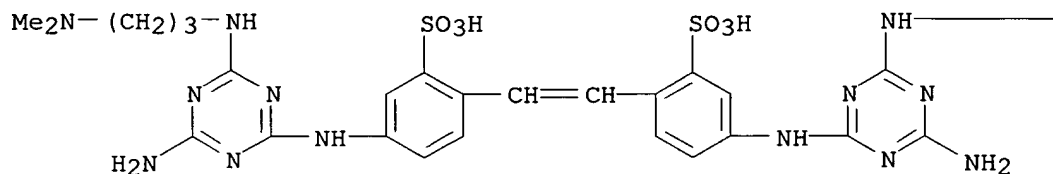
PAGE 1-B

— (CH₂)₃—NMe₂

RN 210101-81-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-amino-6-[[3-(dimethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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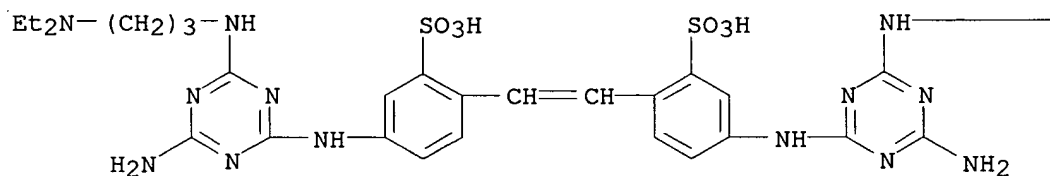
PAGE 1-B

— (CH₂)₃—NMe₂

RN 210101-82-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-amino-6-[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

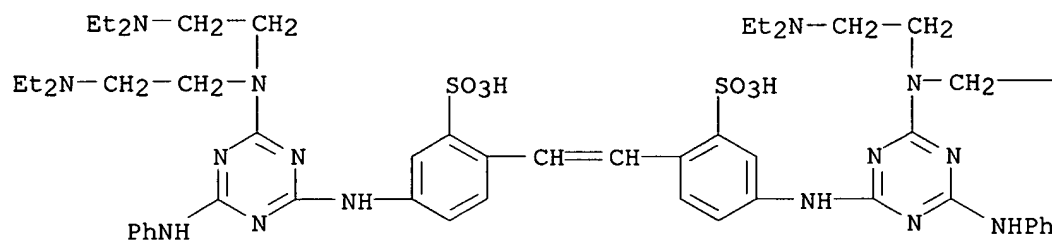
PAGE 1-B

— (CH₂)₃—NEt₂

RN 210101-84-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis[2-(diethylamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt, tetrahydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



● 4 HCl

● 2 Na

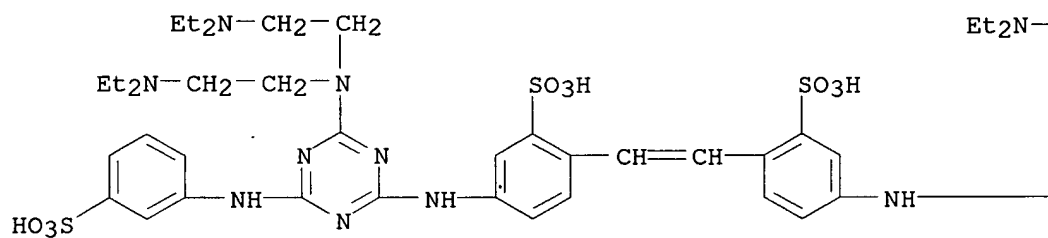
PAGE 1-B

-CH₂-NEt₂

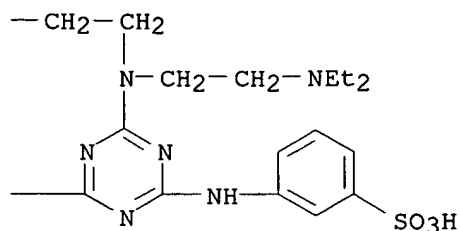
RN 210101-85-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis[2-(diethylamino)ethyl]amino]-6-[(3-sulfohenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A

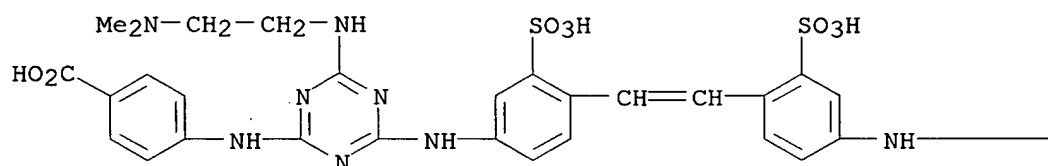
Et₂N-

● 4 Na

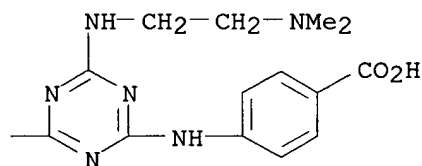


RN 210101-86-3 CAPLUS

CN Benzoic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[2-(dimethylamino)ethyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, tetrasodium salt (9CI) (CA INDEX NAME)



● 4 Na



RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 24 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:623233 CAPLUS

DN 127:279863

TI Powder detergent composition and method of making

IN Brouwer, Steven J.; Wint, Michael J.

PA Amway Corporation, USA; Brouwer, Steven J.; Wint, Michael J.

SO PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9733961	A1	19970918	WO 1997-US3865	19970310
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC,				

LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

US 5714451	A	19980203	US 1996-616442	19960315
CA 2248991	AA	19970918	CA 1997-2248991	19970310
CA 2248991	C	20011030		
AU 9720770	A1	19971001	AU 1997-20770	19970310
AU 716957	B2	20000309		
EP 888426	A1	19990107	EP 1997-909015	19970310

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

CN 1218501	A	19990602	CN 1997-194672	19970310
JP 11509574	T2	19990824	JP 1997-532791	19970310
JP 3217376	B2	20011009		
US 6080711	A	20000627	US 1998-41060	19980310

PRAI US 1996-616442 A2 19960315

WO 1997-US3865 W 19970310

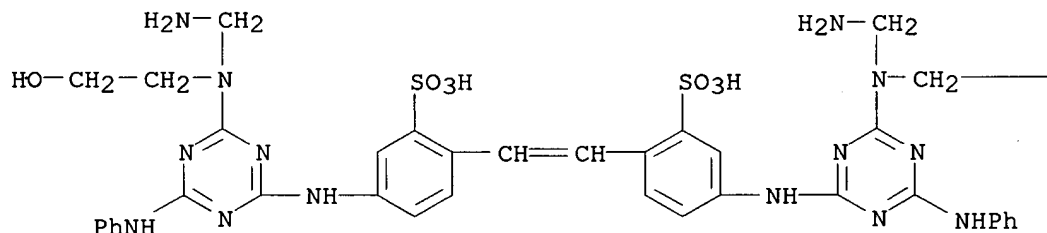
IT **169762-28-1**, Tinopal 5BM-GX

RL: TEM (Technical or engineered material use); USES (Uses)
(powder detergent composition and method of making)

RN 169762-28-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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—CH₂—OH

L4 ANSWER 25 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:623231 CAPLUS

DN 127:264581

TI Discrete whitening agent particles, method of making, and powder detergent containing same

IN Brouwer, Steven J.; Wint, Michael J.

PA Amway Corporation, USA; Brouwer, Steven J.; Wint, Michael J.

10/508,444

SO PCT Int. Appl., 52 pp.

CODEN: PIXXD2

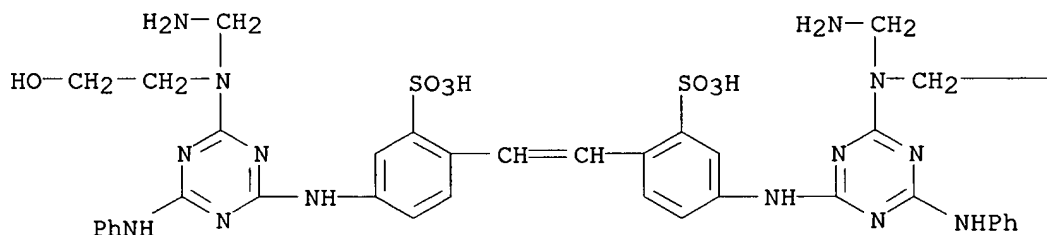
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9733958	A1	19970918	WO 1997-US3740	19970310
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, US, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5714456	A	19980203	US 1996-616208	19960315
	US 5714450	A	19980203	US 1996-616217	19960315
	US 5714452	A	19980203	US 1996-616570	19960315
	AU 9720750	A1	19971001	AU 1997-20750	19970310
	TW 473543	B	20020121	TW 1997-86103216	19970314
	US 5998351	A	19991207	US 1998-41063	19980310
PRAI	US 1996-616208	A2	19960315		
	US 1996-616217	A2	19960315		
	US 1996-616570	A2	19960315		
	WO 1997-US3740	W	19970310		
IT	169762-28-1, Tinopal 5BM-GX				
	RL: TEM (Technical or engineered material use); USES (Uses) (discrete whitening agent particles, method of making, and powder detergent containing same)				
RN	169762-28-1 CAPLUS				
CN	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)				

PAGE 1-A



●2 Na

PAGE 1-B

—CH₂—OH

L4 ANSWER 26 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:168525 CAPLUS

DN 126:159055

TI Detergent composition comprising clay softening system and hydrophilic brightener

IN Fredj, Abdennaceur; Lappas, Dimitris; Cauwberghs, Serge Gabriel Pierre Roger

PA Procter & Gamble Company, USA

SO Eur. Pat. Appl., 13 pp.

CODEN: EPXXDW

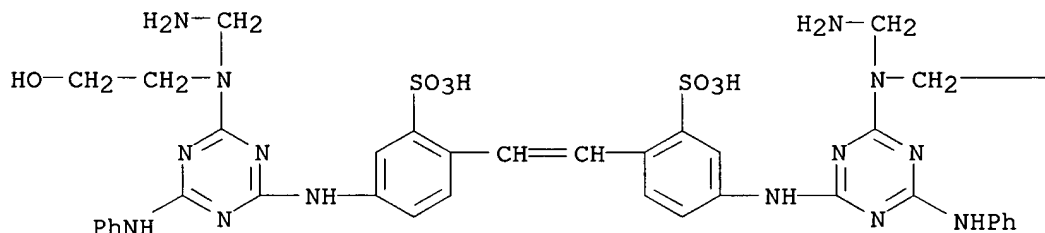
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 753567	A1	19970115	EP 1995-201943	19950714
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
PRAI	EP 1995-201943		19950714		
OS	MARPAT 126:159055				
IT	169762-28-1 , Tinopal 5BM-GX				
	RL: MOA (Modifier or additive use); USES (Uses)				
	(brightener; detergent composition comprising clay softening system and hydrophilic brightener)				
RN	169762-28-1	CAPLUS			
CN	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)				

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● 2 Na

PAGE 1-B

—CH₂—OH

L4 ANSWER 27 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1996:262110 CAPLUS

DN 124:356113

TI Method for processing silver halide photographic material using common wash water or stabilizer

IN Ishikawa, Takatoshi

PA Fuji Photo Film Co Ltd, Japan

10/508,444

SO Jpn. Kokai Tokkyo Koho, 76 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

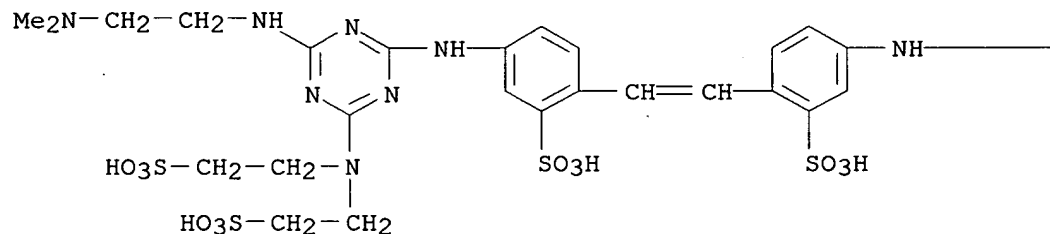
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08022110	A2	19960123	JP 1994-173103	19940704
PRAI	JP 1994-173103		19940704		
OS	MARPAT 124:356113				
IT	164515-96-2P				

RL: PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(fluorescent brightener; processing of Ag halide photog. material using common wash water or stabilizer)

RN 164515-96-2 CAPLUS

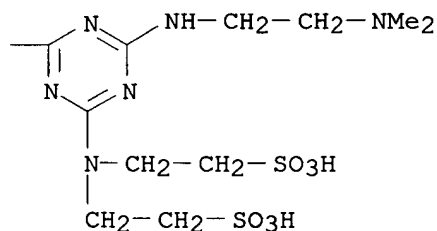
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis(2-sulfoethyl)amino]-6-[[2-(dimethylamino)ethyl]amino]-1,3,5-triazin-2-yl]amino]-, hexasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●6 Na

PAGE 1-B



L4 ANSWER 28 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1996:171898 CAPLUS

DN 124:204938

TI Anionic acid azo direct dyes, their preparation, their mixtures, and their use

IN Lauk, Urs

PA Ciba-Geigy A.-G., Switz.

SO Eur. Pat. Appl., 71 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 693538	A2	19960124	EP 1995-810387	19950612
	EP 693538	A3	19960605		
	EP 693538	B1	20010822		
	R: BE, CH, DE, ES, FR, GB, GR, IT, LI, PT				
	US 5631352	A	19970520	US 1995-460174	19950602
	ES 2161847	T3	20011216	ES 1995-810387	19950612
	PT 693538	T	20020130	PT 1995-810387	19950612
	JP 08003469	A2	19960109	JP 1995-146285	19950613
	CN 1133323	A	19961016	CN 1995-107363	19950619
	CN 1066178	B	20010523		
	BR 9502861	A	19960604	BR 1995-2861	19950620
	GR 3036651	T3	20011231	GR 2001-401509	20010918
PRAI	CH 1994-1952	A	19940620		

OS MARPAT 124:204938

IT 174571-99-4

RL: TEM (Technical or engineered material use); USES (Uses)
 (anionic acid azo direct dye mixts. for dyeing of cellulose)

RN 174571-99-4 CAPLUS

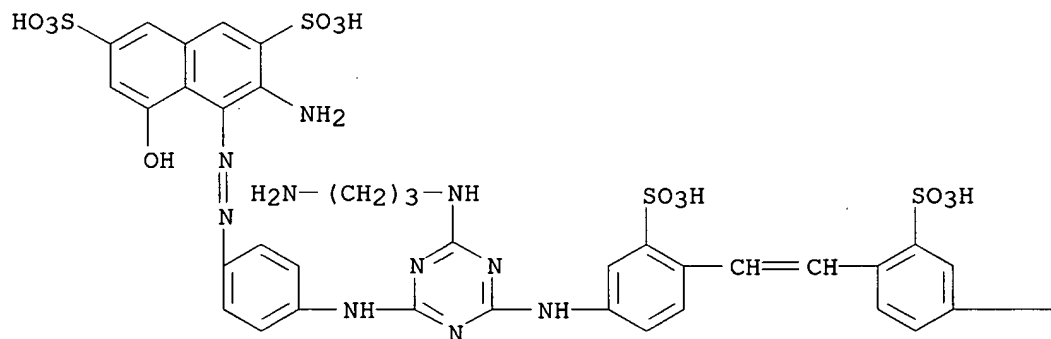
CN 2,7-Naphthalenedisulfonic acid, 4,4',4'',4'''-[1,3-propanediylbis(imino-1,3,5-triazine-6,2,4-triylbis(imino-4,1-phenyleneazo))]tetrakis[3-amino-5-hydroxy-, mixt. with 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-aminopropyl)amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenyleneazo]]bis[3-amino-5-hydroxy-2,7-naphthalenedisulfonic acid] (9CI)
 (CA INDEX NAME)

CM 1

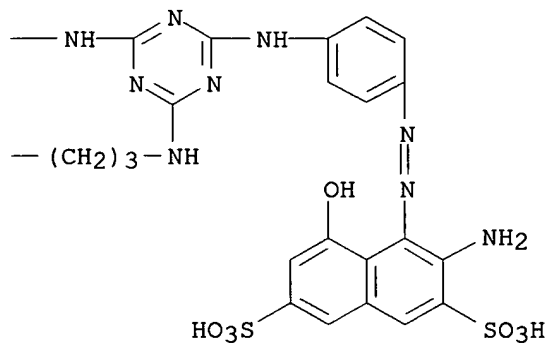
CRN 174571-98-3

CMF C58 H56 N20 O20 S6

PAGE 1-A



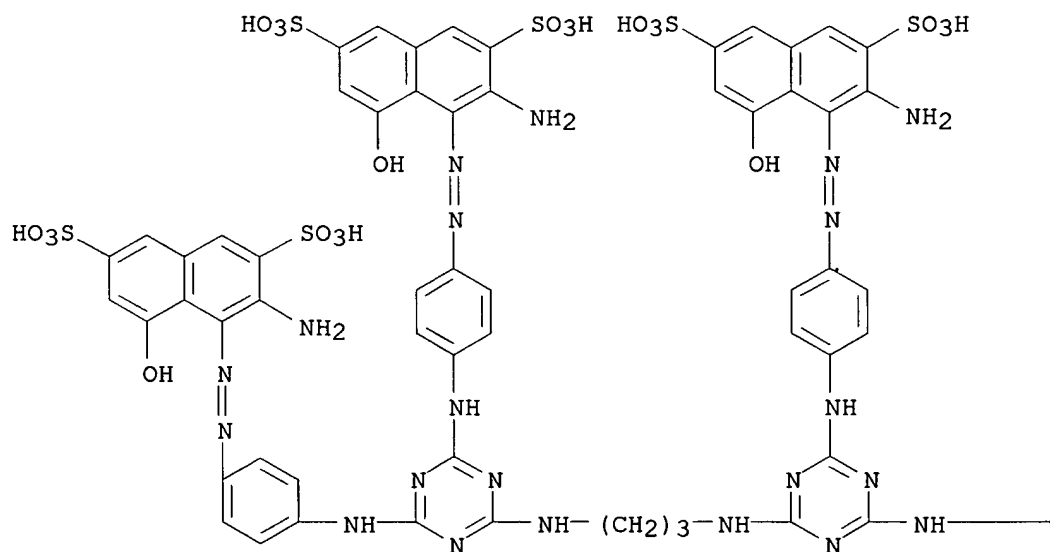
H2N—

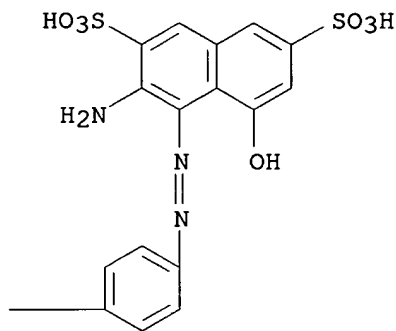


CM 2

CRN 174571-96-1

CMF C73 H60 N24 O28 S8





L4 ANSWER 29 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1996:161231 CAPLUS
 DN 124:263379
 TI Polyazo black dyes, their preparation and their use
 IN Hassenrueck, Karin; Wild, Peter; Stoehr, Frank-Michael
 PA Bayer A.-G., Germany
 SO Eur. Pat. Appl., 31 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 692523	A1	19960117	EP 1995-110132	19950629
	EP 692523	B1	20010905		
	R: CH, DE, FR, GB, LI				
	DE 4424484	A1	19960118	DE 1994-4424484	19940712
	US 5637679	A	19970610	US 1995-471435	19950607
	JP 08053627	A2	19960227	JP 1995-195700	19950710
PRAI	DE 1994-4424484	A	19940712		

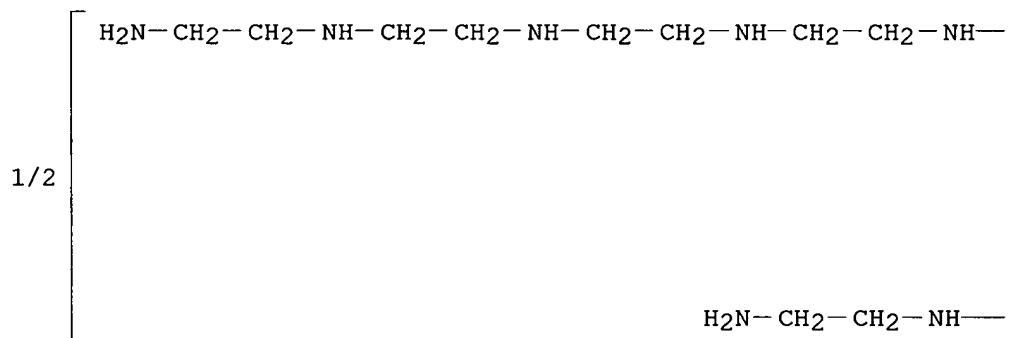
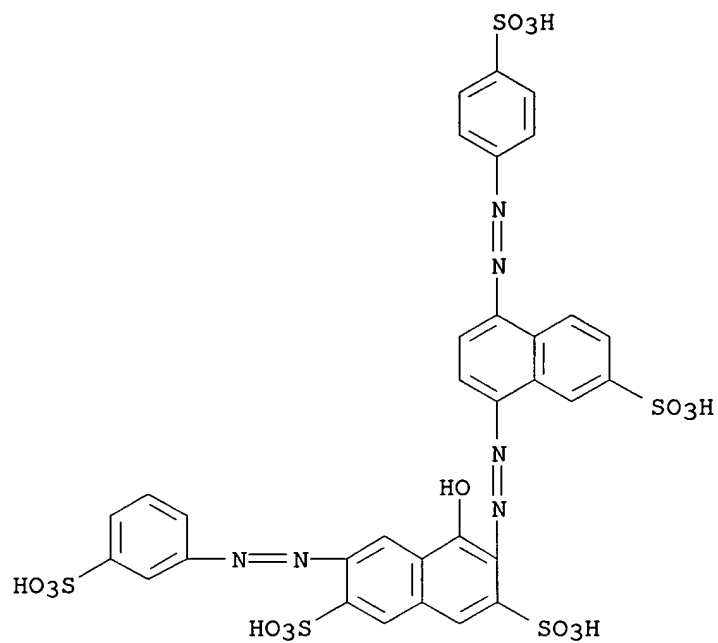
OS MARPAT 124:263379

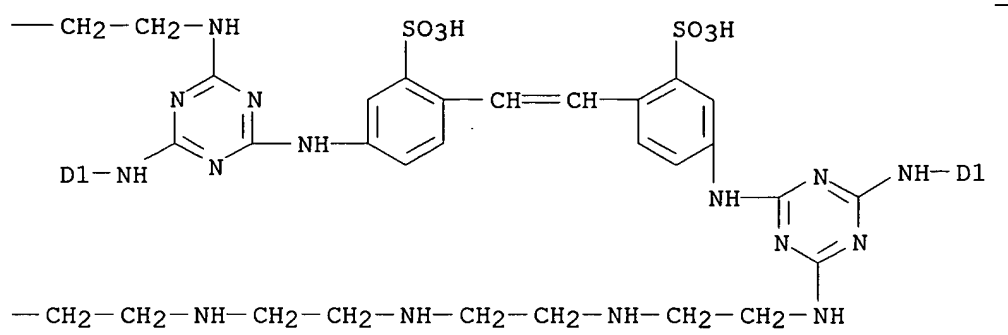
IT **174630-23-0P 174630-24-1P 174661-77-9P**
174661-83-7P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (polyazo black dyes for ink)

RN 174630-23-0 CAPLUS

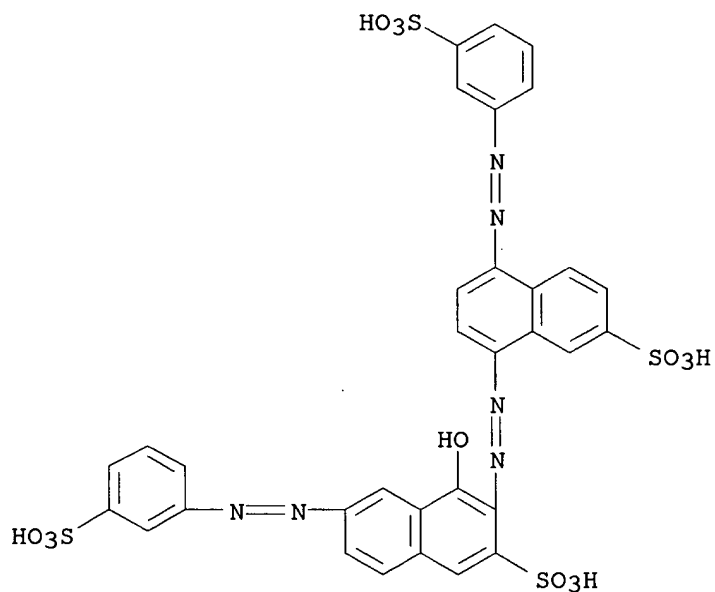
CN 2,7-Naphthalenedisulfonic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(14-amino-3,6,9,12-tetraazatetradec-1-yl)amino]-1,3,5-triazine-4,2-diyl]imino(amino-3-sulfo-phenyl)azo]]bis[5-hydroxy-6-[[7-sulfo-4-[(4-sulfo-phenyl)azo]-1-naphthalenyl]azo]- (9CI) (CA INDEX NAME)

D1-NH₂

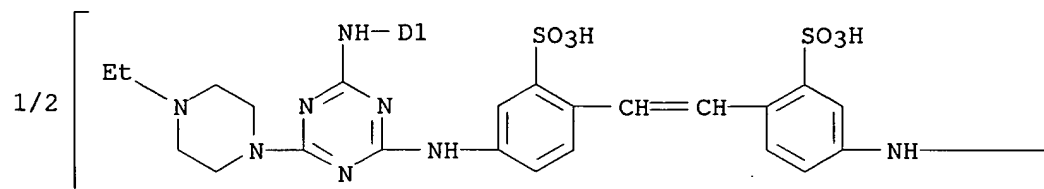


RN 174630-24-1 CAPLUS

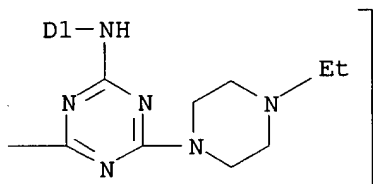
CN 2-Naphthalenesulfonic acid, 6-[[[amino[[4-[[4-[2-[4-[[4-[[[amino[[8-hydroxy-6-sulfo-7-[[7-sulfo-4-[(3-sulfophenyl)azo]-1-naphthalenyl]azo]-2-naphthalenyl]azo]sulfophenyl]]-6-(4-ethyl-1-piperazinyl)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]-3-sulfophenyl]amino]-6-(4-ethyl-1-piperazinyl)-1,3,5-triazin-2-yl]amino]-3-sulfophenyl]azo]-4-hydroxy-3-[[7-sulfo-4-[(4-sulfophenyl)azo]-1-naphthalenyl]azo]- (9CI) (CA INDEX NAME)



PAGE 2-A

D1-NH₂

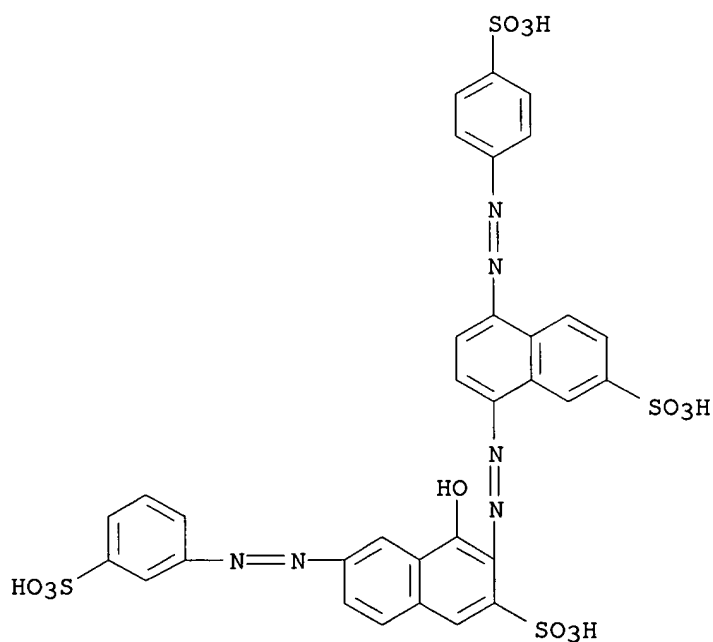
PAGE 2-B

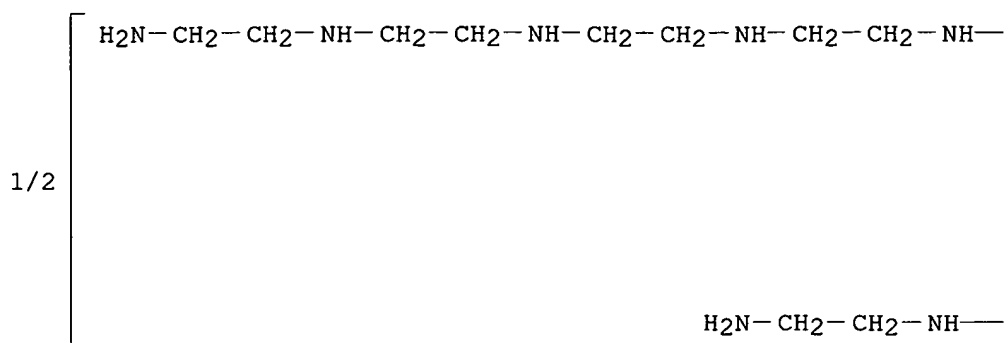
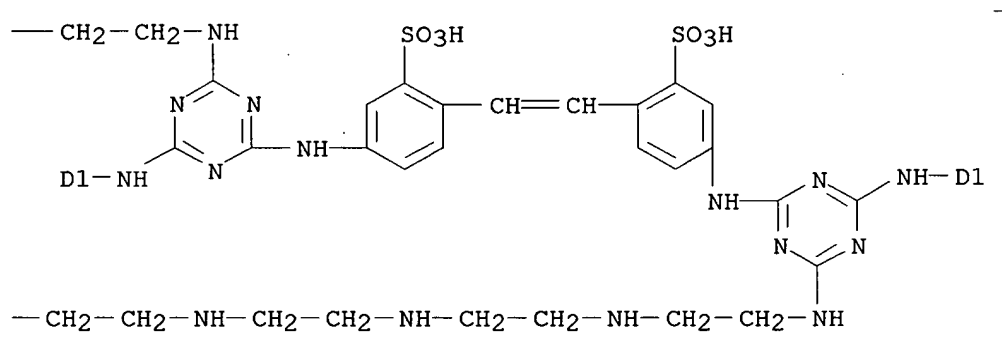


RN 174661-77-9 CAPLUS

CN 2-Naphthalenesulfonic acid, 6,6'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(14-amino-3,6,9,12-tetraazatetradec-1-yl)amino]-1,3,5-triazine-4,2-diyl]imino(aminosulfophenylene)azo]]bis[4-hydroxy-3-[[7-sulfo-4-[(4-sulfophenyl)azo]-1-naphthalenyl]azo]- (9CI) (CA INDEX NAME)

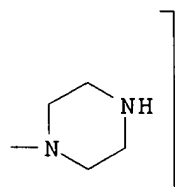
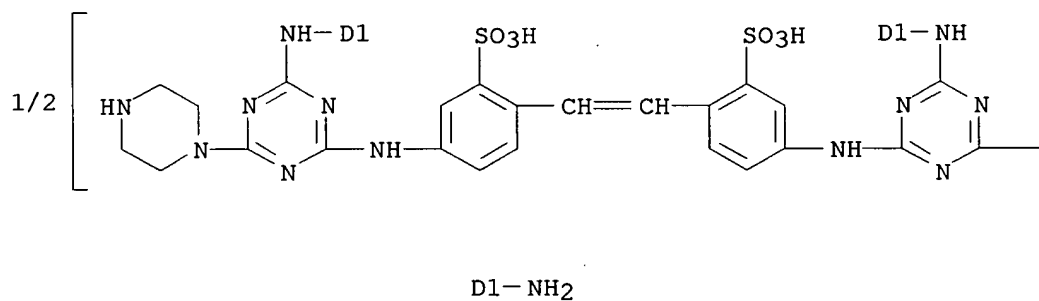
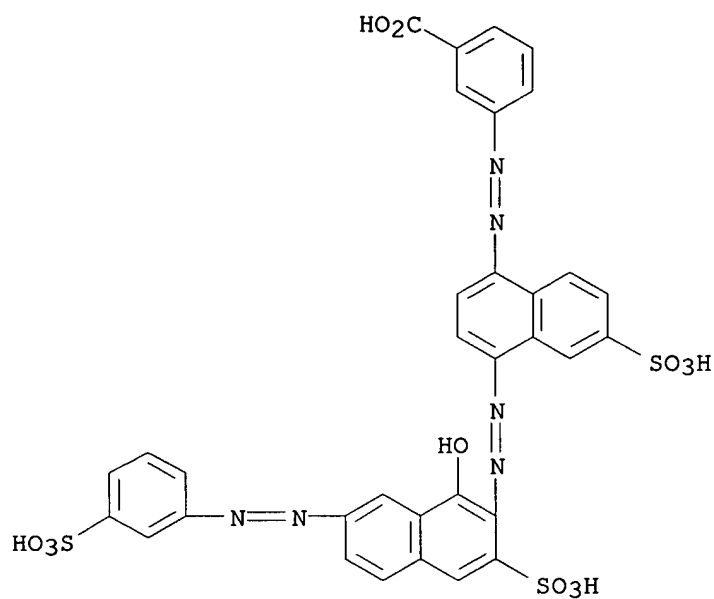
PAGE 1-A



D1-NH₂

RN 174661-83-7 CAPLUS

CN Benzoic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-(1-piperazinyl)-1,3,5-triazine-4,2-diyl]imino(aminosulfophenylene)azo(1-hydroxy-3-sulfo-7,2-naphthalenediyl)azo(6-sulfo-4,1-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)



L4 ANSWER 30 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1995:938158 CAPLUS
 DN 123:343358
 TI Dyes, inks containing them, and apparatus and methods for their use in
 ink-jet recording
 IN Nagashima, Akira; Tochiara, Shinichi; Noguchi, Hiromichi
 PA Canon K. K., Japan

SO Eur. Pat. Appl., 50 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 669381	A2	19950830	EP 1995-102509	19950222
	EP 669381	A3	19970115		
	EP 669381	B1	20020911		
	R: CH, DE, ES, FR, GB, IT, LI, NL				
	US 5733363	A	19980331	US 1995-392261	19950222
	JP 07286113	A2	19951031	JP 1995-63468	19950228
PRAI	JP 1994-52639	A	19940228		

OS MARPAT 123:343358

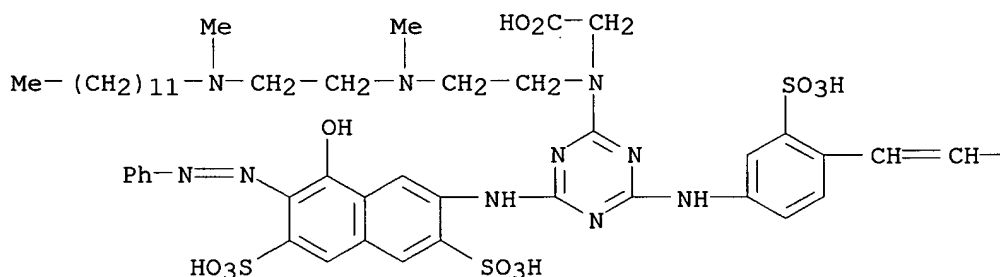
IT **170695-30-4**

RL: TEM (Technical or engineered material use); USES (Uses)
 (jet-printing inks containing)

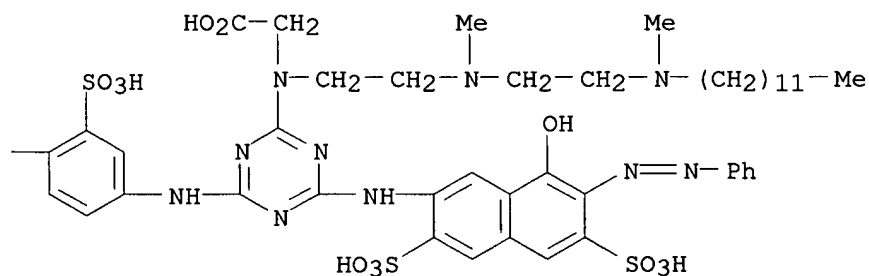
RN 170695-30-4 CAPLUS

CN Glycine, N,N'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[8-hydroxy-7-(phenylazo)-3,6-disulfo-2-naphthalenyl]amino]-1,3,5-triazine-4,2-diyl]]]bis[2-[[2-(dodecylmethylamino)ethyl]methylamino]ethyl]- (9CI) (CA INDEX NAME)

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L4 ANSWER 31 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1995:896246 CAPLUS

DN 123:290536

TI Laundry detergent compositions with dye-transfer inhibition effect

IN Panandiker, Rajan Keshav; Wertz, William Conrad; Hugues, Larry James

PA Procter and Gamble Co., USA

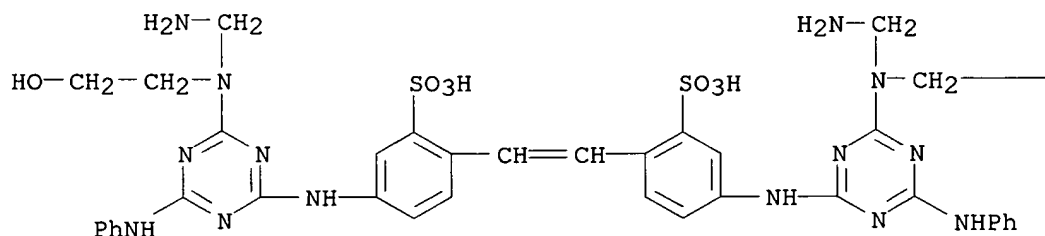
SO PCT Int. Appl., 26 pp.

CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9513354	A1	19950518	WO 1994-US11509	19941011
	W: AM, AU, BB, BG, BR, BY, CA, CH, CN, CZ, EE, FI, GE, HU, JP, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, UZ, VN				
	RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5466802	A	19951114	US 1993-150644	19931110
	CA 2174722	AA	19950518	CA 1994-2174722	19941011
	AU 9479319	A1	19950529	AU 1994-79319	19941011
	EP 728184	A1	19960828	EP 1994-930090	19941011
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	BR 9408024	A	19961217	BR 1994-8024	19941011
	CN 1139954	A	19970108	CN 1994-194711	19941011
	JP 09505096	T2	19970520	JP 1994-513823	19941011
PRAI	US 1993-150644	A	19931110		
	WO 1994-US11509	W	19941011		
OS	MARPAT 123:290536				
IT	169762-28-1 , Tinopal 5BM-GX				
	RL: MOA (Modifier or additive use); POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses)				
	(laundry detergent compns. with dye-transfer inhibition effect)				
RN	169762-28-1 CAPLUS				
CN	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)				

PAGE 1-A



● 2 Na

PAGE 1-B

—CH₂—OH

L4 ANSWER 32 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1995:785207 CAPLUS
DN 123:343739

TI Water-based recording liquids containing bistriazine-containing tetraazo dyes

IN Sano, Hideo; Sato, Nobuyoshi; Murata, Jukichi

PA Mitsubishi Kagaku KK, Japan; Mitsubishi Chemical Corp.

SO Jpn. Kokai Tokkyo Koho, 15 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07150088	A2	19950613	JP 1993-301926	19931201
	JP 3511652	B2	20040329		
PRAI	JP 1993-301926		19931201		

OS MARPAT 123:343739

IT **170694-17-4 170694-28-7**

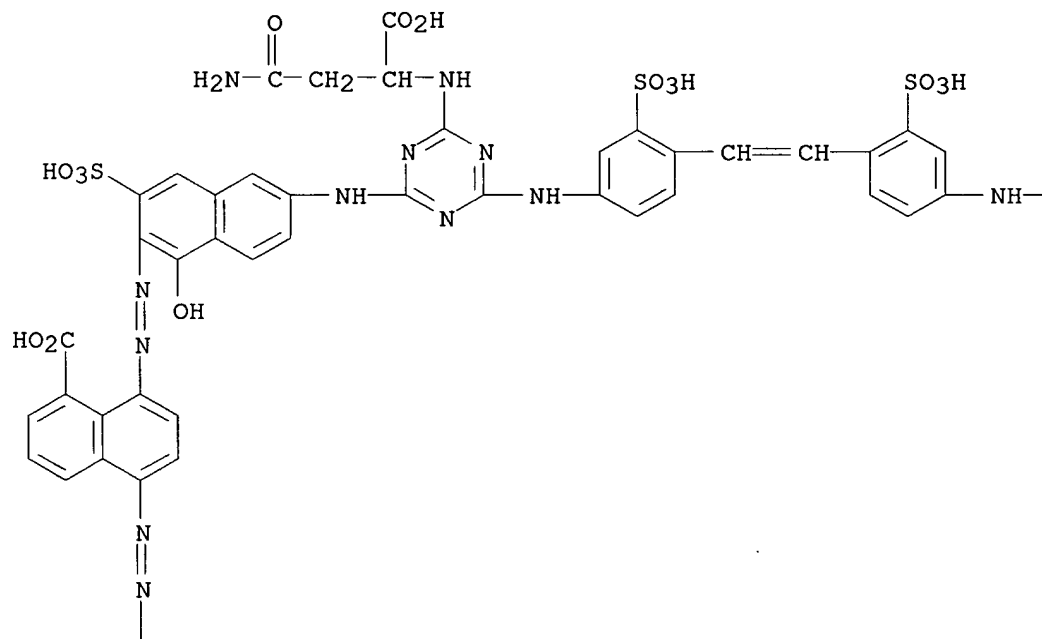
RL: TEM (Technical or engineered material use); USES (Uses)

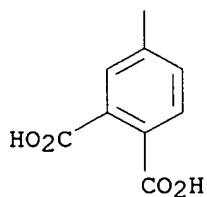
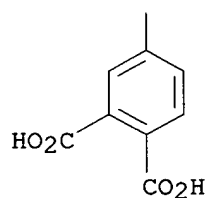
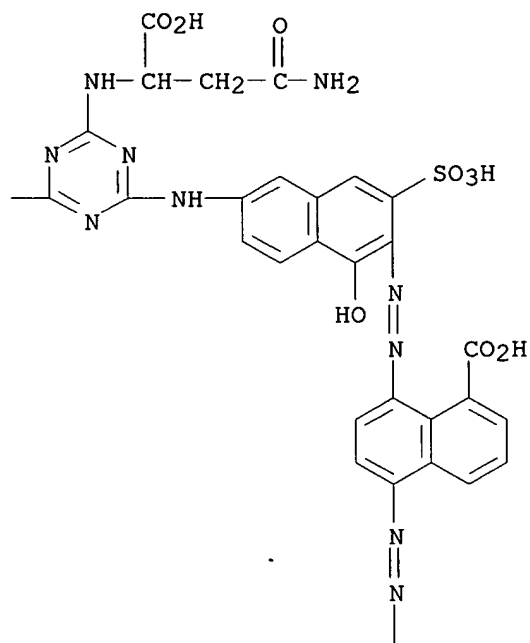
(dyes; inks containing water-based mediums and bistriazine-containing tetraazo dyes)

RN 170694-17-4 CAPLUS

CN 1,2-Benzenedicarboxylic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-amino-1-carboxy-3-oxopropyl)amino]-1,3,5-triazine-4,2-diyl]imino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo(5-carboxy-4,1-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)

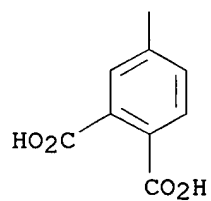
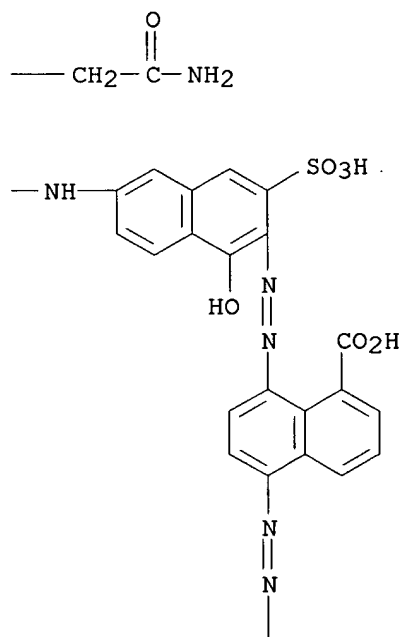
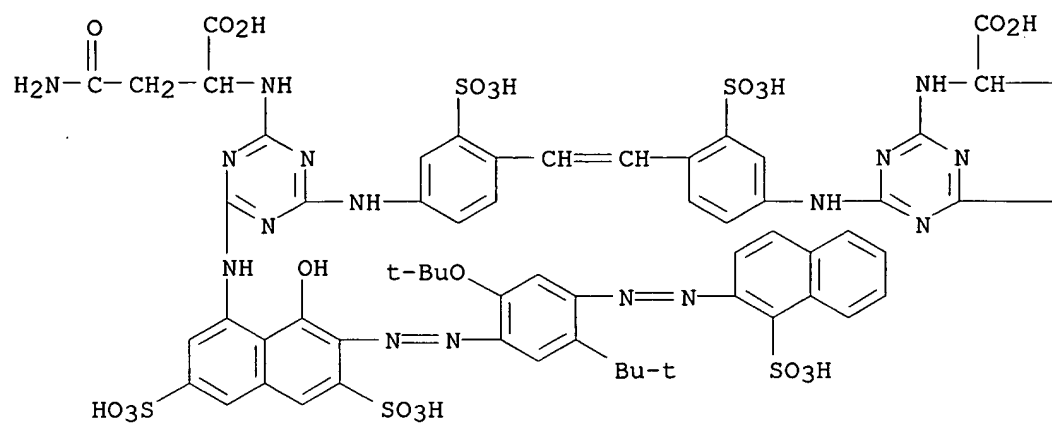
PAGE 1-A





RN 170694-28-7 CAPLUS

CN 1,2-Benzenedicarboxylic acid, 4-[[4-[[6-[[4-[(3-amino-1-carboxy-3-oxopropyl)amino]-6-[[4-[2-[4-[[4-[(3-amino-1-carboxy-3-oxopropyl)amino]-6-[[7-[[2-(1,1-dimethylethoxy)-5-(1,1-dimethylethyl)-4-[(1-sulfo-2-naphthalenyl)azo]phenyl]azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfo-phenyl]ethenyl]-3-sulfo-phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]-5-carboxy-1-naphthalenyl]azo]- (9CI) (CA INDEX NAME)



10/508,444

DN 123:172627
TI Disazo and tetrakisazo dyes, their preparation and use
IN Hassenrueck, Karin; Reinhardt, Karl-Heinz; Wild, Peter; Wunderlich, Klaus
PA Bayer A.-G., Germany
SO Ger. Offen., 29 pp.
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4340354	A1	19950601	DE 1993-4340354	19931126
	EP 657506	A1	19950614	EP 1994-117935	19941114
	EP 657506	B1	19980916		
	R: CH, DE, FR, GB, IT, LI				
	US 5646257	A	19970708	US 1994-342295	19941118
	JP 07196931	A2	19950801	JP 1994-309449	19941121
PRAI	DE 1993-4340354	A	19931126		

OS MARPAT 123:172627

IT **167489-52-3P**

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

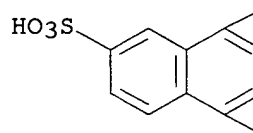
(preparation of black polyazo dyes for paper and for jet-printing inks)

RN 167489-52-3 CAPLUS

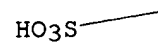
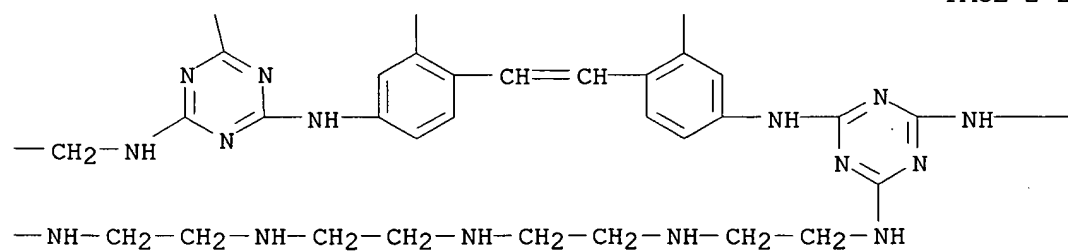
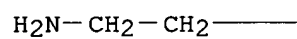
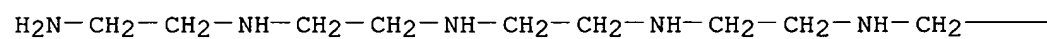
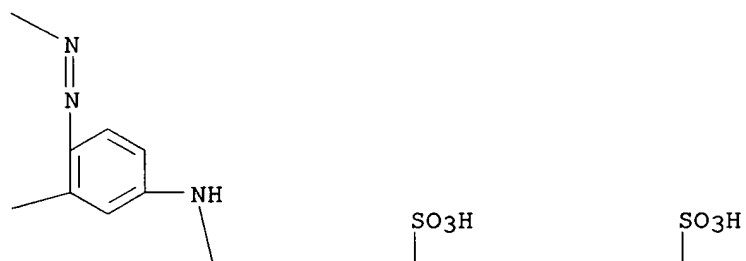
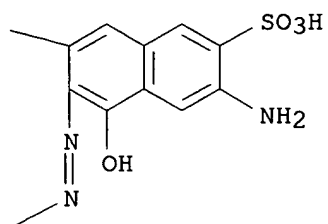
CN 2,7-Naphthalenedisulfonic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(14-amino-3,6,9,12-tetraazatetradec-1-yl)amino]-1,3,5-triazine-4,2-diyl]imino(2-sulfo-4,1-phenylene)azo(7-sulfo-4,1-naphthalenediyl)azo]]bis[6-amino-4-hydroxy- (9CI) (CA INDEX NAME)

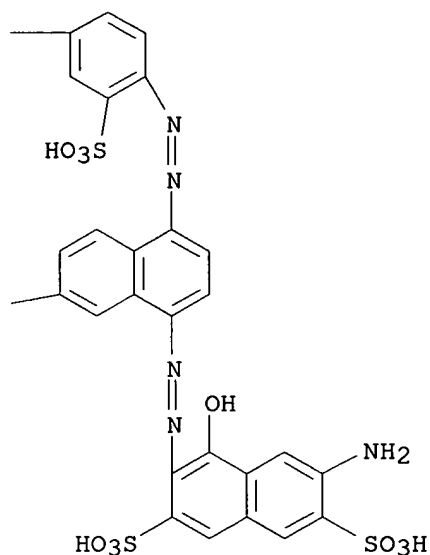
PAGE 1-A

HO₃S—



HO₃S—





L4 ANSWER 34 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1995:657553 CAPLUS

DN 123:44267

TI A diaminostilbene series compound and a method for forming an image using the same.

IN Deguchi, Yasuaki; Kubo, Toshiaki

PA Fuji Photo Film Co., Ltd., Japan

SO Eur. Pat. Appl., 79 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 626374	A2	19941130	EP 1994-107713	19940518
	EP 626374	A3	19950517		
	EP 626374	B1	20020807		
	R: BE, DE, FR, GB, NL				
	JP 06329936	A2	19941129	JP 1993-138999	19930518
	JP 3220285	B2	20011022		
	US 5395742	A	19950307	US 1994-243175	19940516
PRAI	JP 1993-138999	A	19930518		

OS MARPAT 123:44267

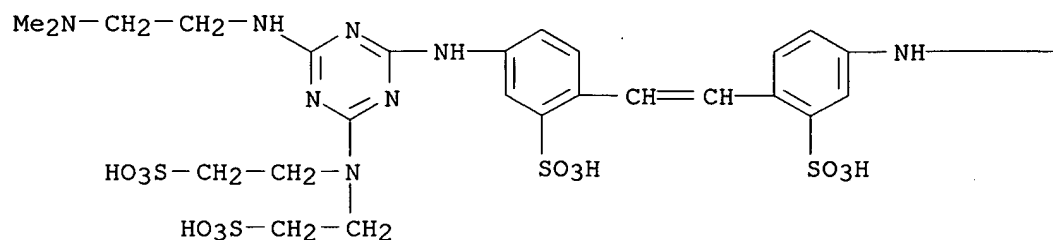
IT **164515-96-2P**

RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)

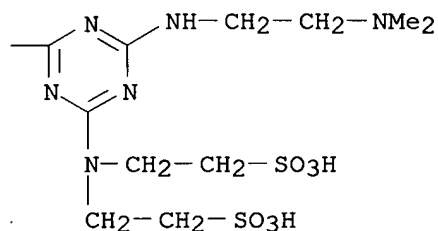
(stabilizer for crystallization prevention in photog. processing solution)

RN 164515-96-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis(2-sulfoethyl)amino]-6-[[2-(dimethylamino)ethyl]amino]-1,3,5-triazin-2-yl]amino]-, hexasodium salt (9CI) (CA INDEX NAME)



● 6 Na



L4 ANSWER 35 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1995:638688 CAPLUS

DN 123:100447

TI Electroless plating of copper on substrates

IN Olson, Larry D.

PA Allied-Signal, Inc., USA

SO U.S., 4 pp. Cont.-in-part of U.S. 5,292,557.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

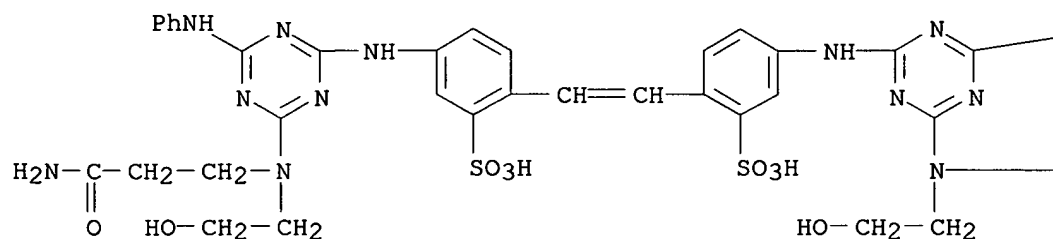
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5418064	A	19950523	US 1993-168005	19931215
PRAI	US 1993-168005	A2	19931215		
	US 1992-976866		19921116		

IT **66085-71-0**

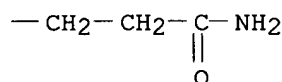
RL: PEP (Physical, engineering or chemical process); PROC (Process)
 (fluorescent brightener; electroless plating of copper on substrates
 treated with)

RN 66085-71-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl) (2-hydroxyethyl) amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-
 (9CI) (CA INDEX NAME)



— NHPh



L4 ANSWER 36 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1995:636369 CAPLUS

DN 123:290013

TI Magenta ink solutions containing azo dyes with good light and water resistance

IN Sato, Nobuyoshi; Hirasaka, Takashi; Murata, Jukichi

PA Mitsubishi Kagaku KK, Japan; Mitsubishi Chemical Corp.

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07090212	A2	19950404	JP 1994-178355	19940729
	JP 3486966	B2	20040113		
PRAI	JP 1994-178355	A	19940729		
	JP 1993-190045		19930730		

OS MARPAT 123:290013

IT 169754-51-2

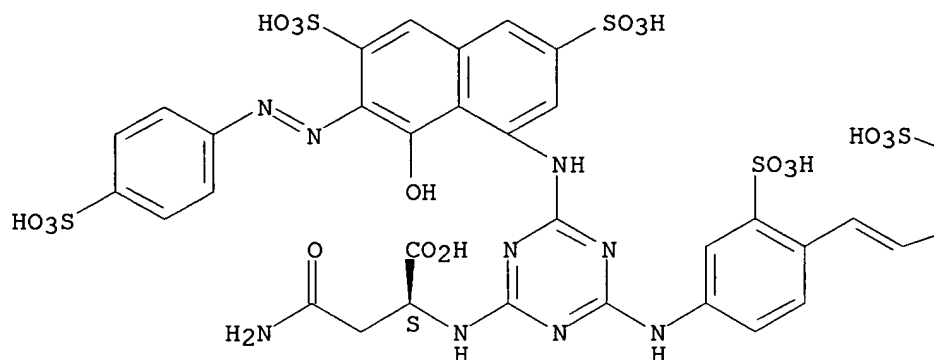
RL: TEM (Technical or engineered material use); USES (Uses)
(magenta ink solns. containing azo dyes with good light and water resistance)

RN 169754-51-2 CAPLUS

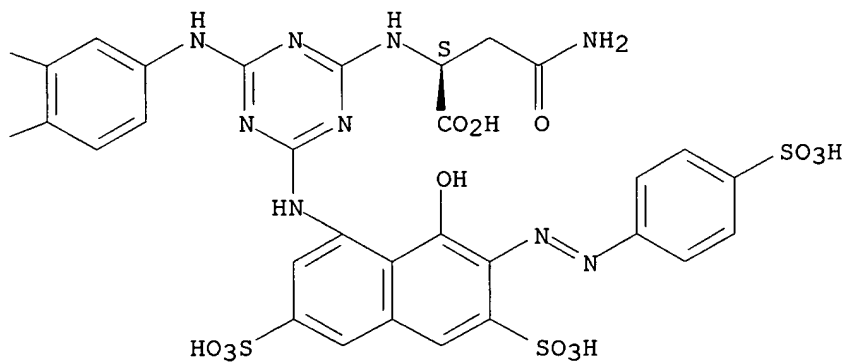
CN L-Asparagine, N2,N2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[8-hydroxy-3,6-disulfo-7-[(4-sulfophenyl)azo]-1-naphthalenyl]amino]-1,3,5-triazine-4,2-diyl]]bis-, hexalithium salt (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.



● 6 Li



L4 ANSWER 37 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1995:526757 CAPLUS
 DN 122:277996
 TI Method for forming silver halide color photographic image
 IN Deguchi, Yasuaki
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 82 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06332127	A2	19941202	JP 1993-138993	19930518

PRAI JP 1993-138993

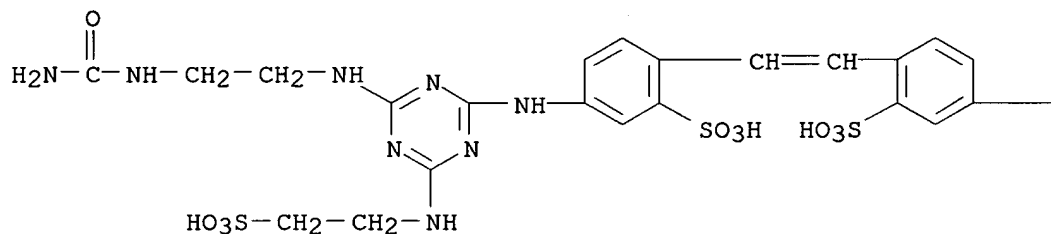
19930518

IT **162784-06-7**RL: TEM (Technical or engineered material use); USES (Uses)
(formation of silver halide color photog. image)

RN 162784-06-7 CAPLUS

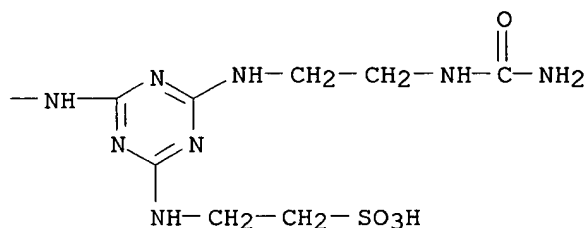
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-
[(aminocarbonyl)amino]ethyl]amino]-6-[(2-sulfoethyl)amino]-1,3,5-triazin-2-
yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 4 Na

PAGE 1-B



L4 ANSWER 38 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1995:78229 CAPLUS

DN 122:216565

TI 4,4'-bis[4-(arylthioureido)-6-azido-s-triazin-2-ylamino]stilbene-2,2'-
disulfonic acid as fluorescent whitener

AU Modi, B. R.; Desai, N. R.; Mistry, B. D.; Desai, K. R.

CS Chemistry Department, South Gujarat University, Surat, 395007, India

SO Journal of the Institution of Chemists (India) (1993), 65(4), 129-30

CODEN: JOICA7; ISSN: 0020-3254

DT Journal

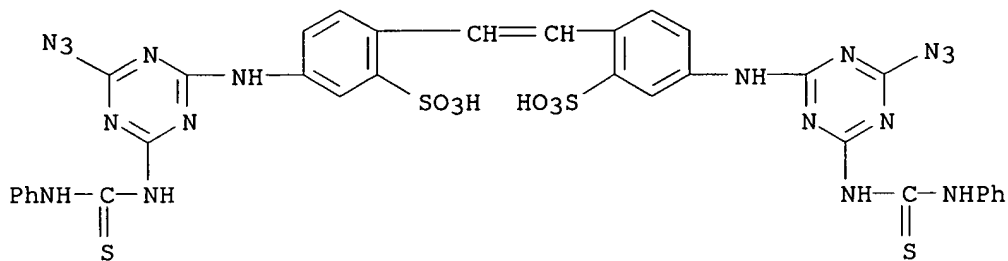
LA English

IT **162129-27-3P 162129-28-4P 162129-29-5P****162129-30-8P 162129-31-9P 162129-32-0P****162129-33-1P 162129-34-2P 162129-35-3P****162129-36-4P**RL: SPN (Synthetic preparation); TEM (Technical or engineered material
use); PREP (Preparation); USES (Uses)(preparation of azidotriazinylstilbenesulfonic acid fluorescent brighteners
for polyamide)

RN 162129-27-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-

[[(phenylamino)thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

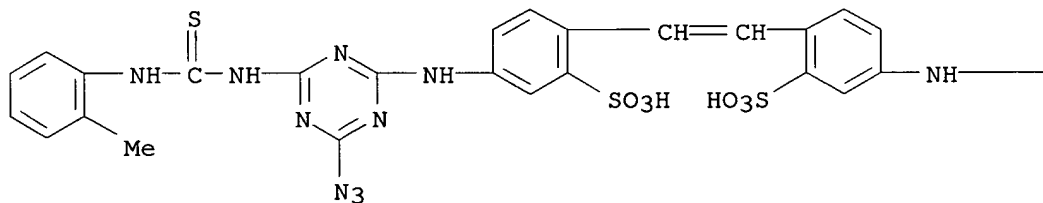


● 2 Na

RN 162129-28-4 CAPLUS

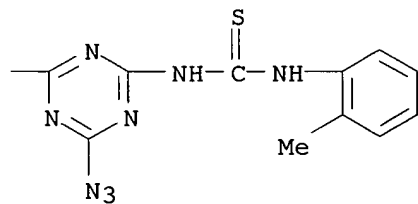
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-methylphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

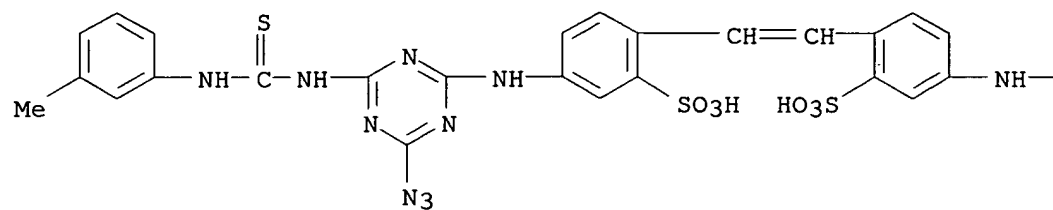
PAGE 1-B



RN 162129-29-5 CAPLUS

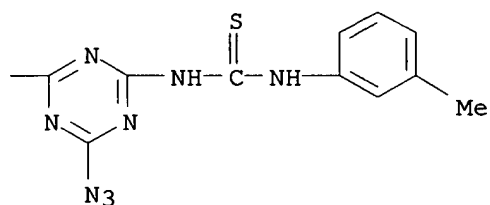
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(3-methylphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

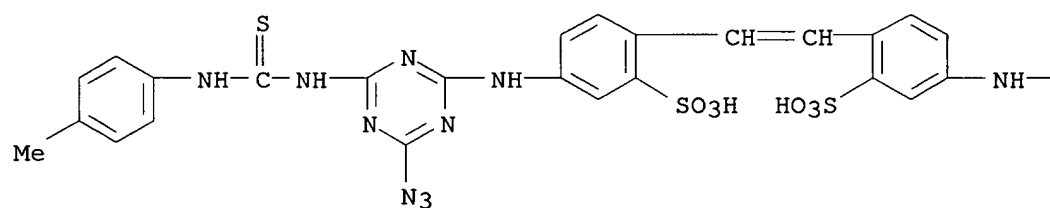
PAGE 1-B



RN 162129-30-8 CAPLUS

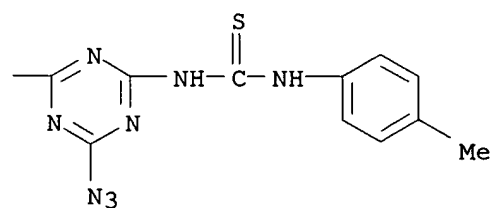
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[[4-azido-6-[[[(4-methylphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



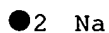
●2 Na

PAGE 1-B



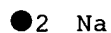
RN 162129-31-9 CAPLUS

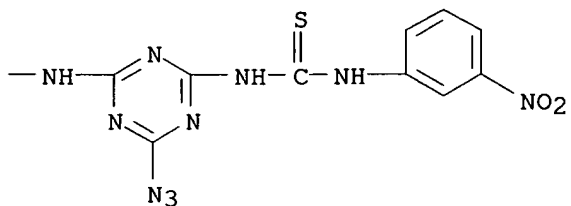
PAGE 1-A

N#Cc1nc(NC(=S)Nc2ccccc2[N+](=O)[O-])nc1

RN 162129-32-0 CAPLUS

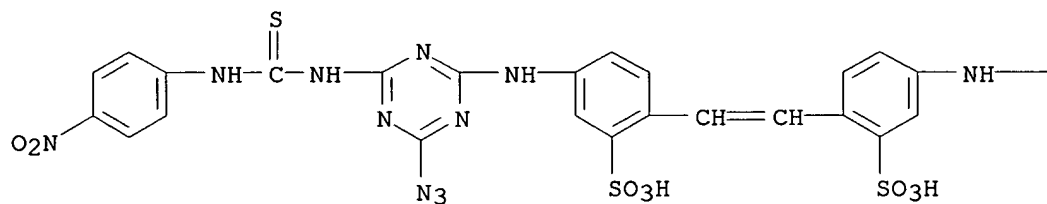
PAGE 1-A



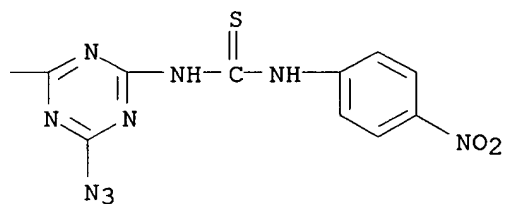


RN 162129-33-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-nitrophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



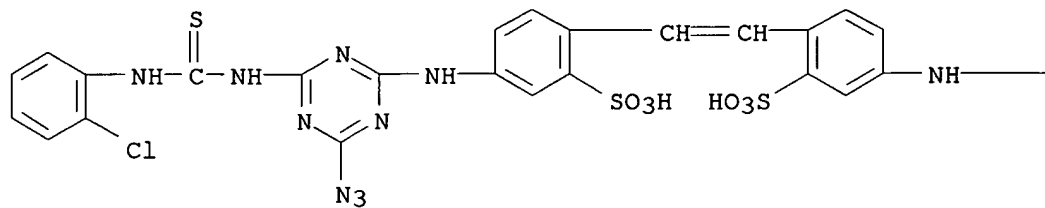
● 2 Na



RN 162129-34-2 CAPLUS

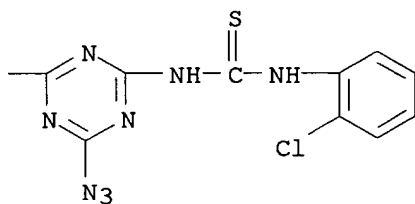
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-chlorophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

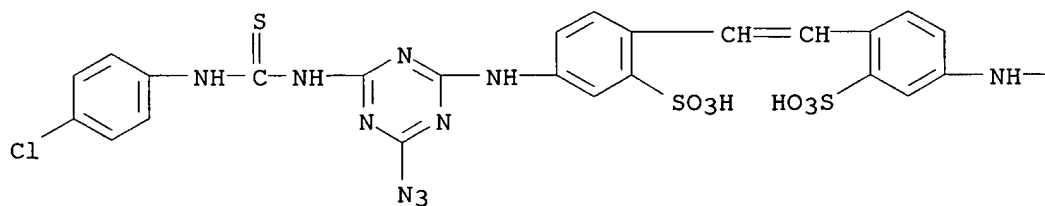
PAGE 1-B



RN 162129-35-3 CAPLUS

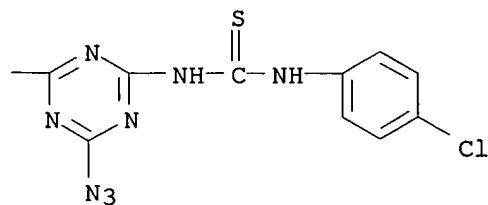
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-chlorophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

PAGE 1-B

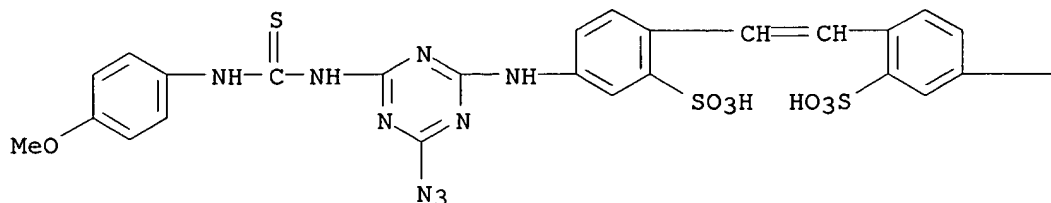


10/508,444

RN 162129-36-4 CAPLUS

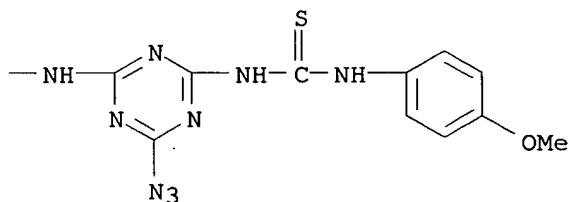
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-methoxyphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

PAGE 1-B



L4 ANSWER 39 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1995:27505 CAPLUS

DN 122:108658

TI Syntheses of bistriazinylaminostilbene derivatives and their application on cotton and nylon fibers as fluorescent brighteners

AU Modi, B. R.; Mistry, N. V.; Shah, M. J.; Desai, K. R.

CS Department of Chemistry, South Gujarat University, Surat, 395 007, India

SO Indian Journal of Fibre & Textile Research (1994), 19(2), 89-94

CODEN: IJFRET; ISSN: 0971-0426

DT Journal

LA English

IT 160907-44-8P 160907-45-9P 160907-46-0P

160907-47-1P 160907-48-2P 160907-49-3P

160907-50-6P 160907-51-7P 160907-52-8P

160907-53-9P 160907-54-0P 160907-55-1P

160907-56-2P 160907-57-3P 160907-58-4P

160907-59-5P 160907-60-8P 160907-61-9P

160907-62-0P 160907-63-1P 160907-64-2P

160907-65-3P 160907-66-4P 160907-67-5P

160907-68-6P 160907-69-7P 160907-70-0P

160907-71-1P 160907-72-2P 160907-73-3P

160907-74-4P 160907-75-5P 160907-76-6P

160907-77-7P 160907-78-8P 160907-79-9P

160907-80-2P 160907-81-3P 160907-82-4P

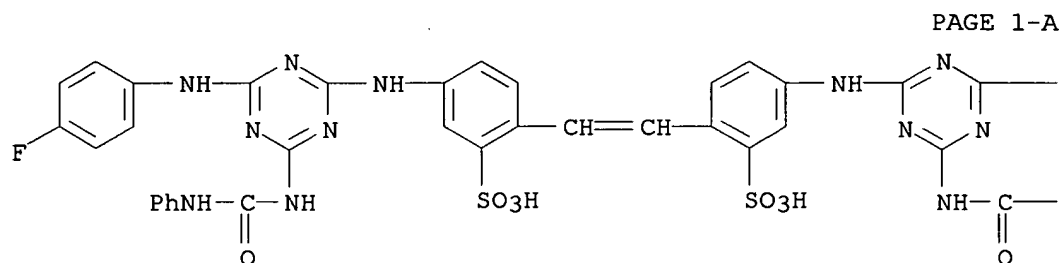
160907-83-5P

RL: PEP (Physical, engineering or chemical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)

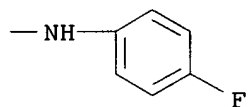
(syntheses of bistriazinylaminostilbene derivs. and their application
on cotton and nylon fibers as fluorescent brighteners)

RN 160907-44-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[(phenylamino)carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



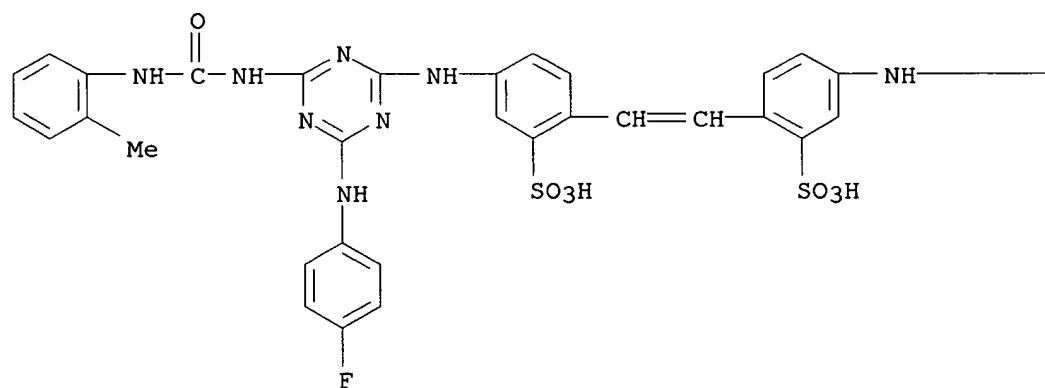
PAGE 1-B

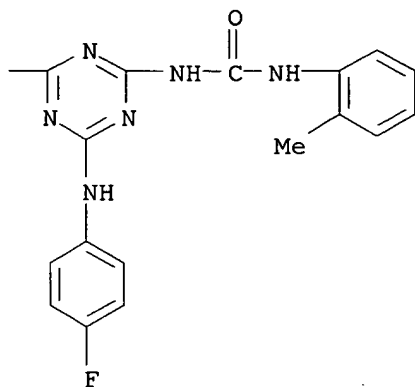


—NHPh

RN 160907-45-9 CAPLUS

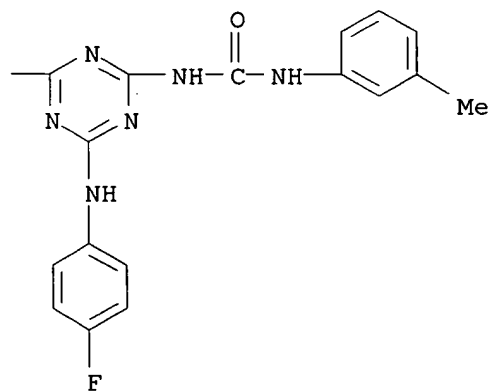
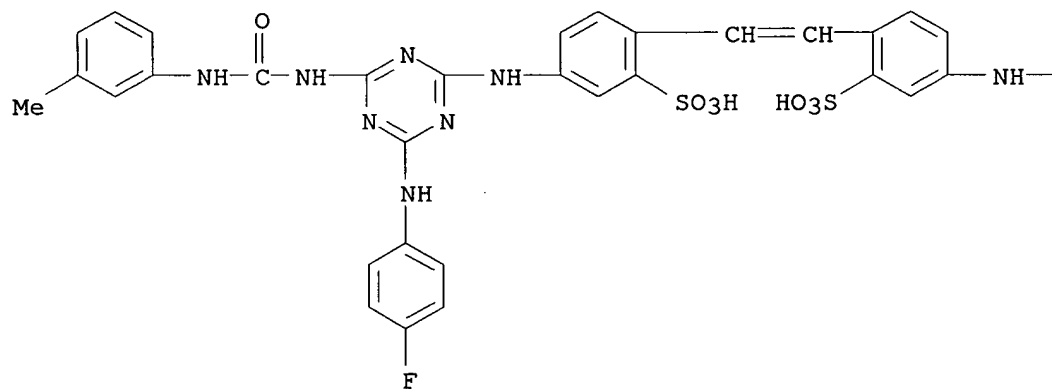
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[(2-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





RN 160907-46-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(3-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)

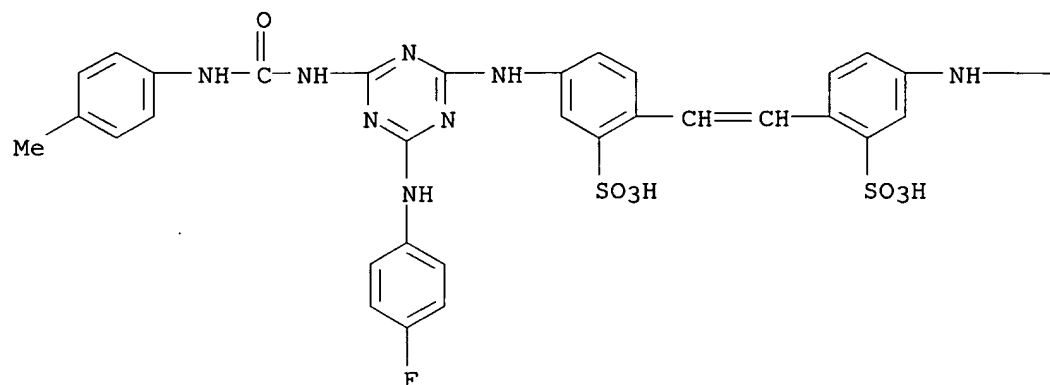


10/508,444

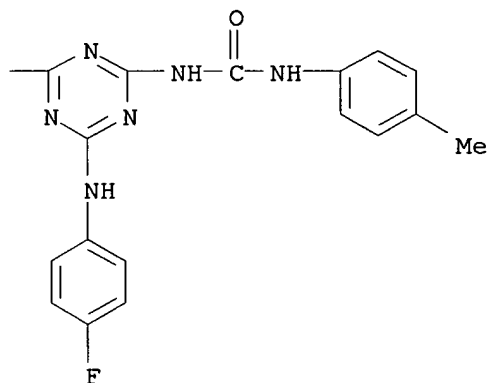
RN 160907-47-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(4-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



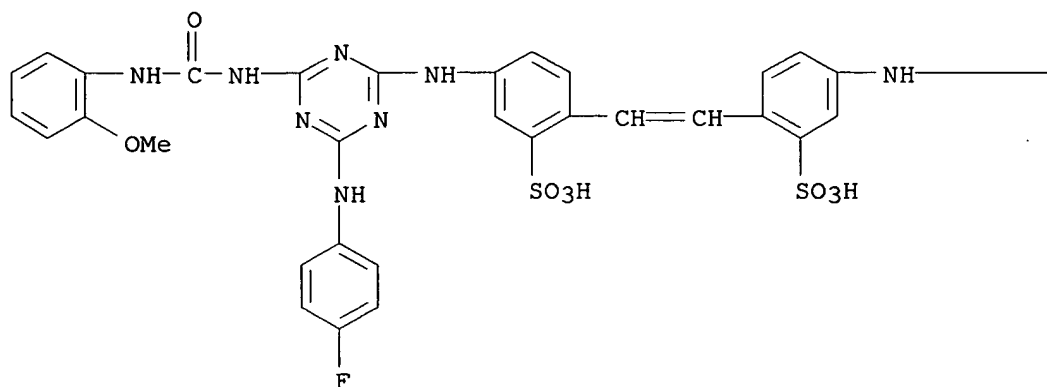
PAGE 1-B



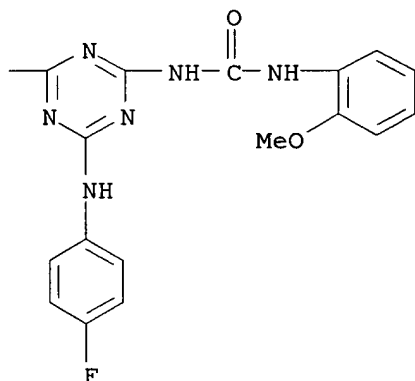
RN 160907-48-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(2-methoxyphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



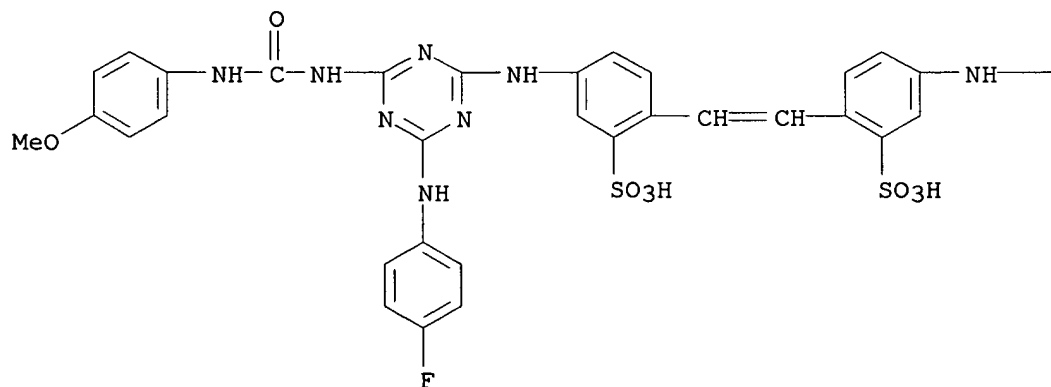
PAGE 1-B

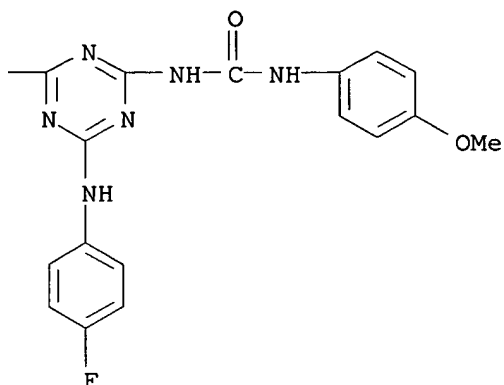


RN 160907-49-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(4-methoxyphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

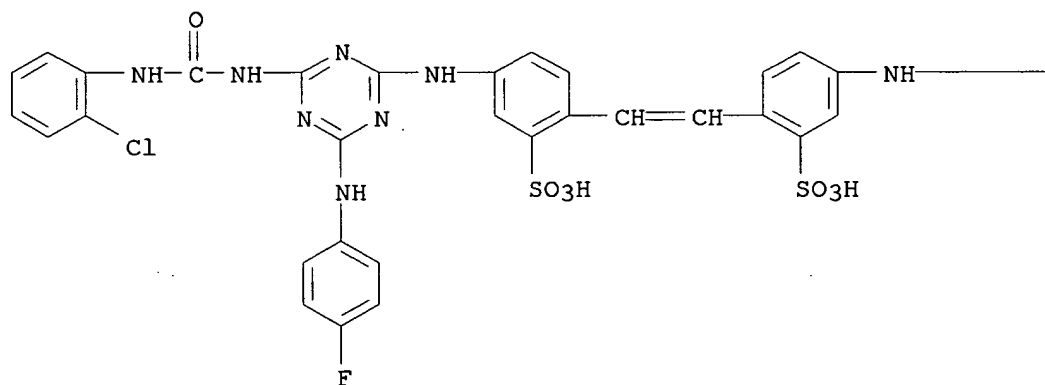
PAGE 1-A

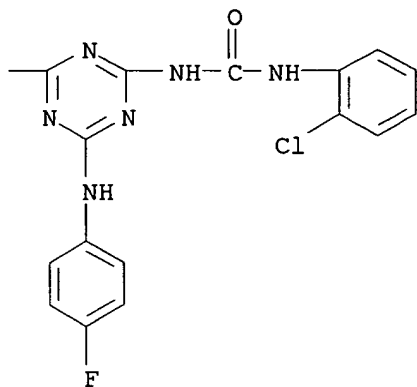




RN 160907-50-6 CAPLUS

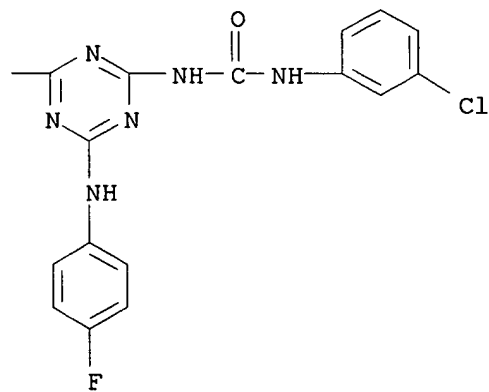
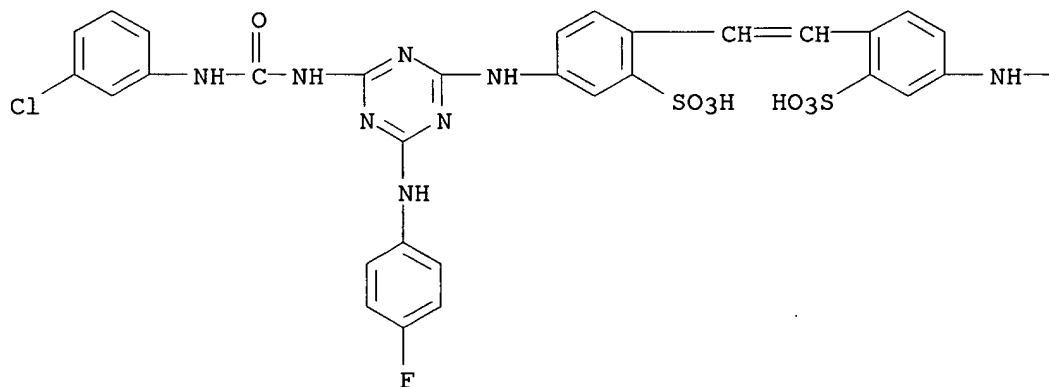
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(2-chlorophenyl)amino]carbonyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





RN 160907-51-7 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[[4-[(3-chlorophenyl)amino]carbonyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

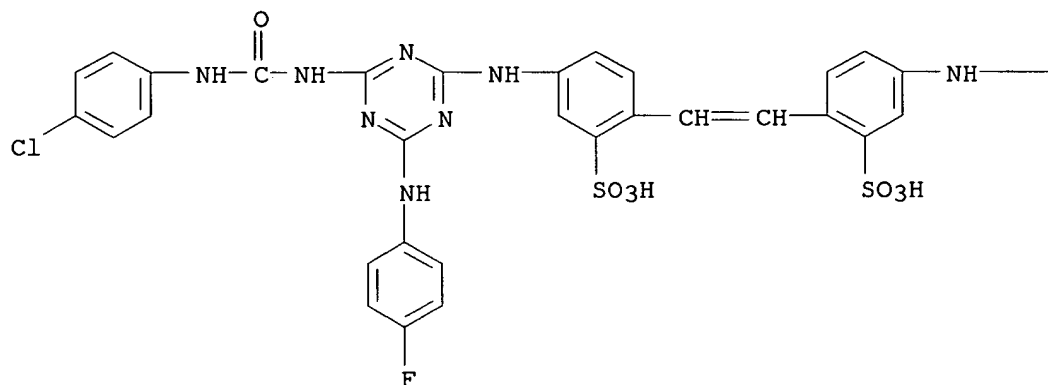


10/508,444

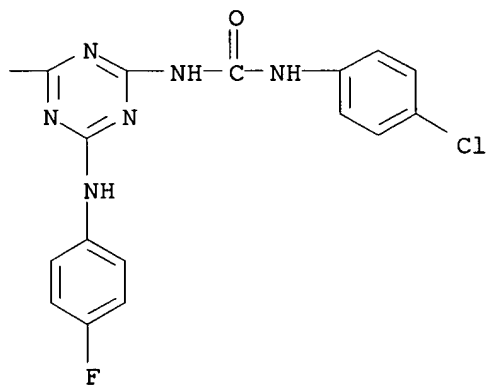
RN 160907-52-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(4-chlorophenyl)amino]carbonyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



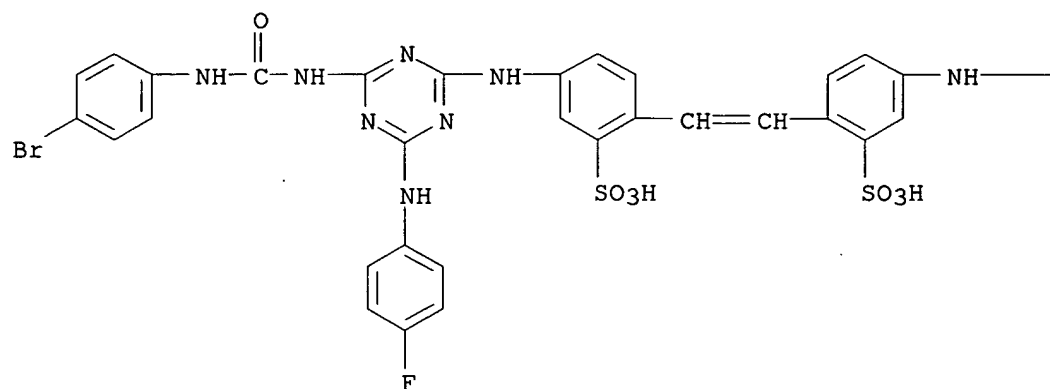
PAGE 1-B



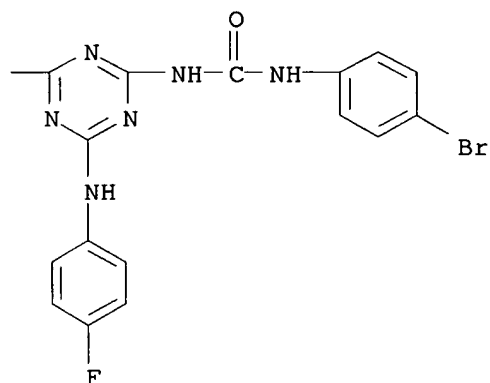
RN 160907-53-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(4-bromophenyl)amino]carbonyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



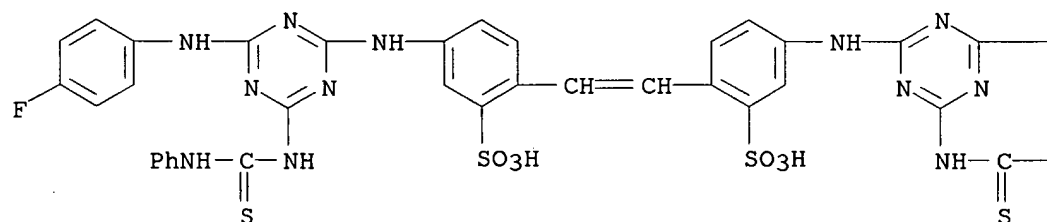
PAGE 1-B

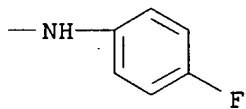


RN 160907-54-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[(phenylamino)thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A

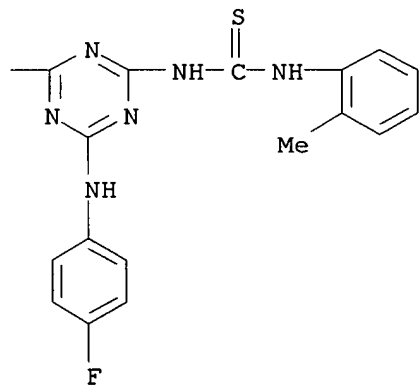
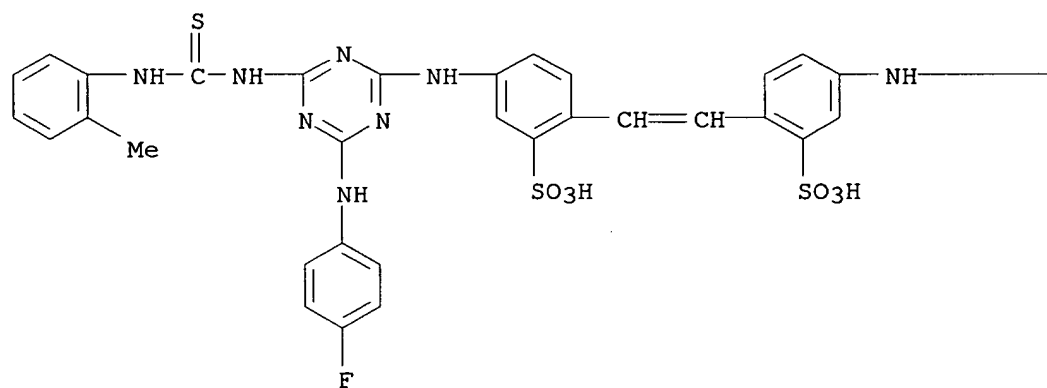




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RN 160907-55-1 CAPLUS

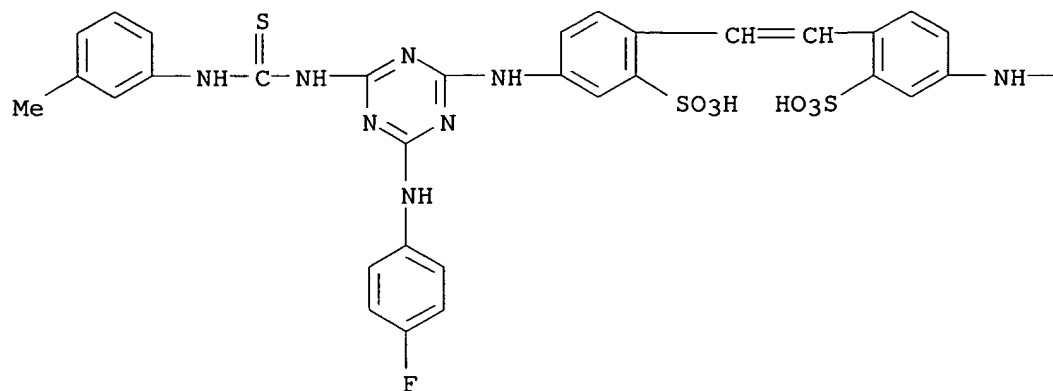
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(2-methylphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



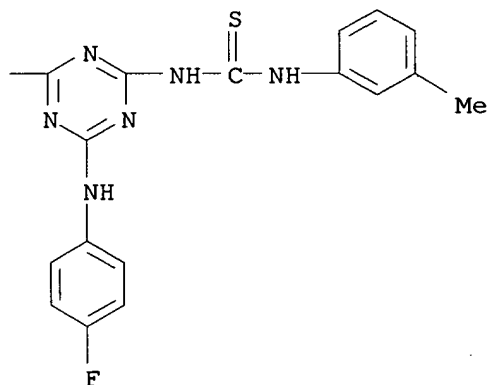
RN 160907-56-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(3-methylphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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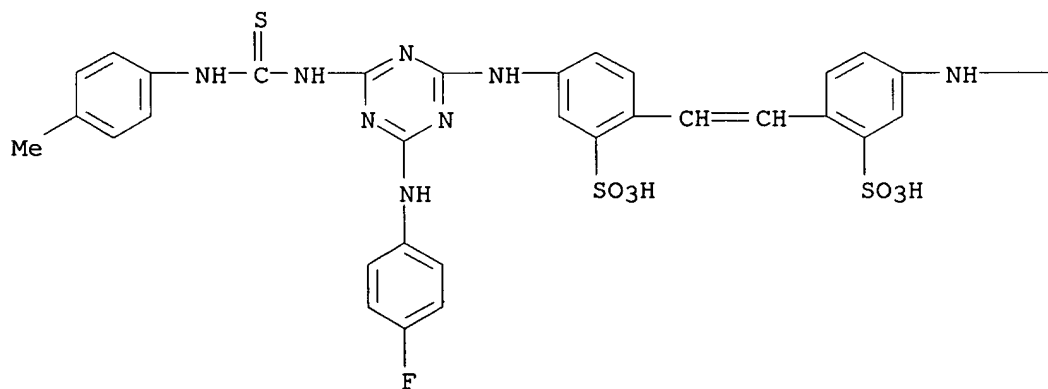
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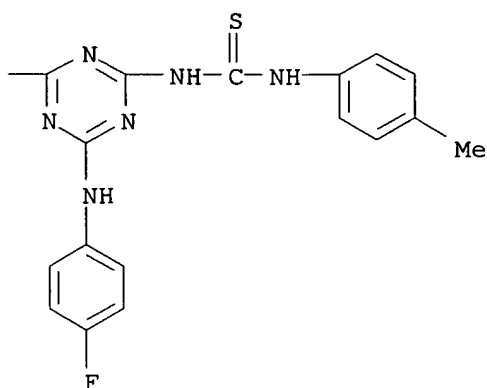


RN 160907-57-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(4-methylphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

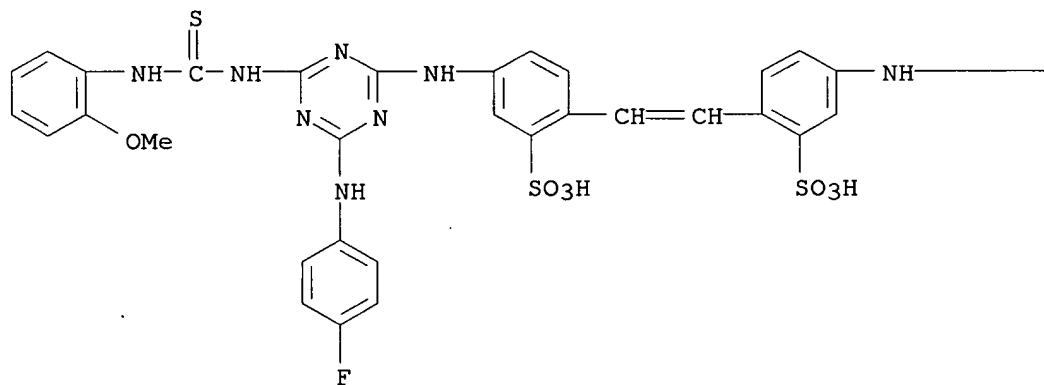
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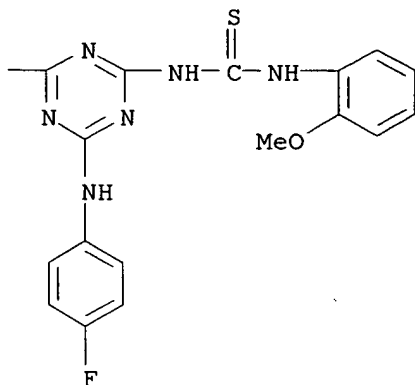




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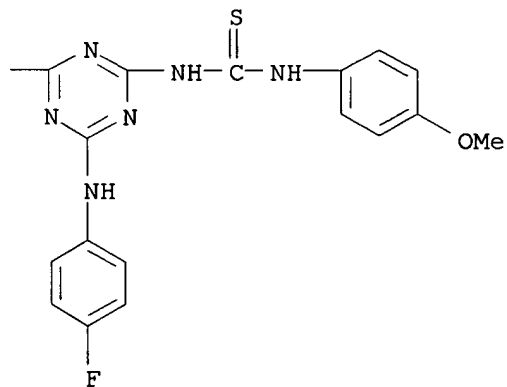
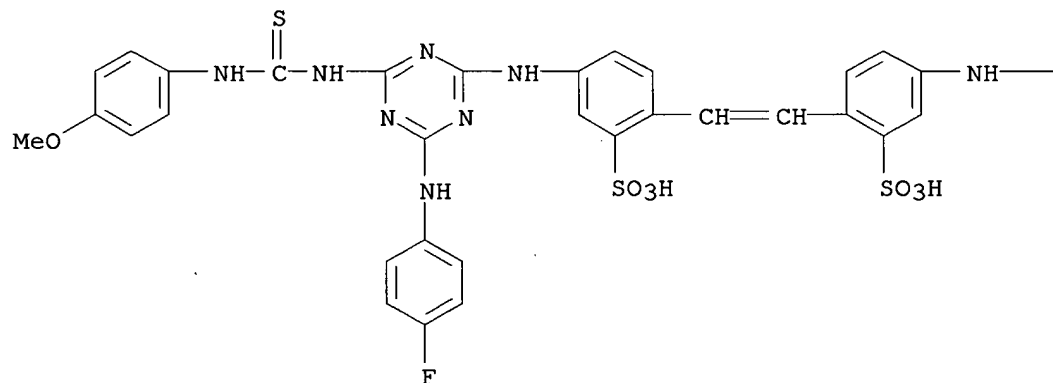
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(2-methoxyphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





RN 160907-59-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(4-methoxyphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

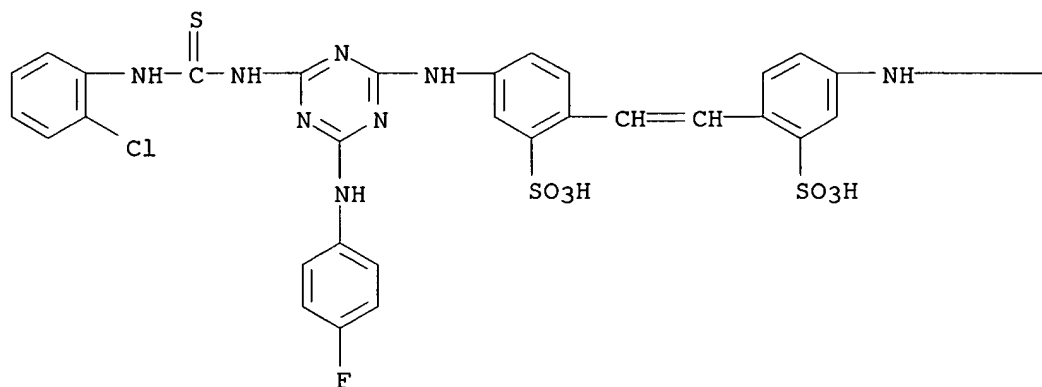


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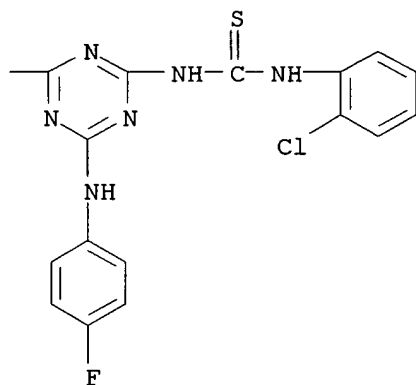
RN 160907-60-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(2-chlorophenyl)amino]thioxomethyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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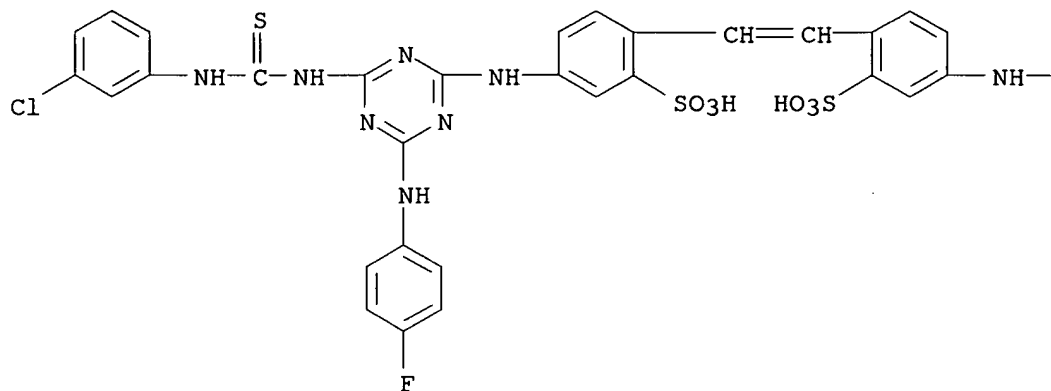
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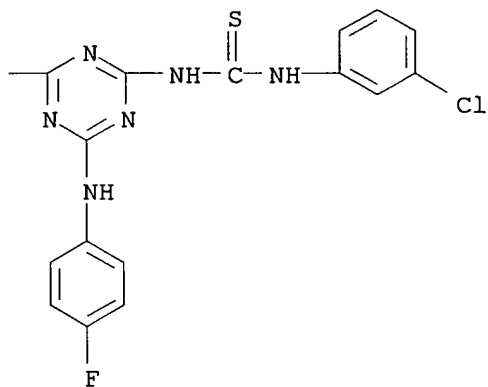
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CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(3-chlorophenyl)amino]thioxomethyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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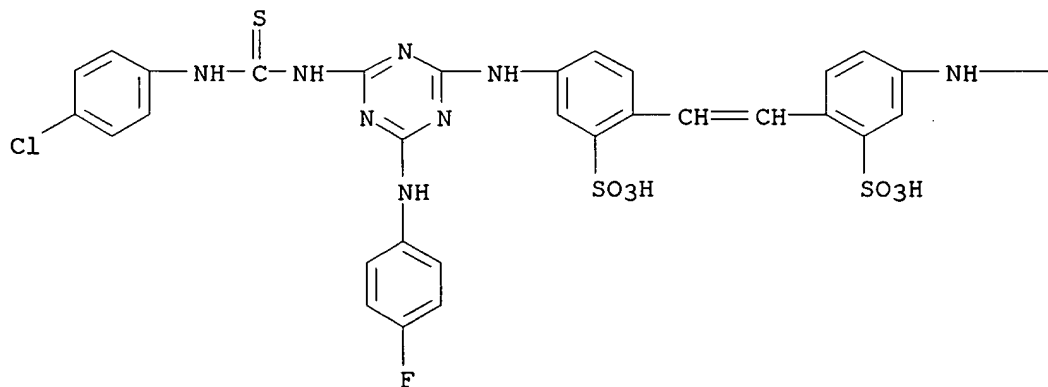
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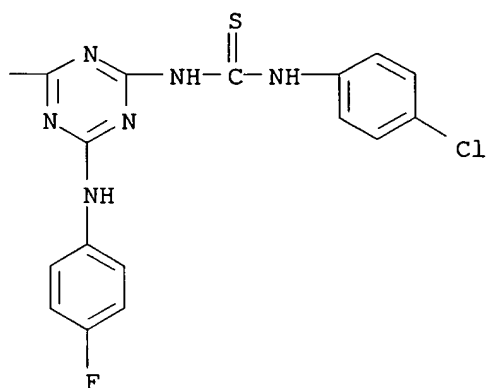


RN 160907-62-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(4-chlorophenyl)amino]thioxomethyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

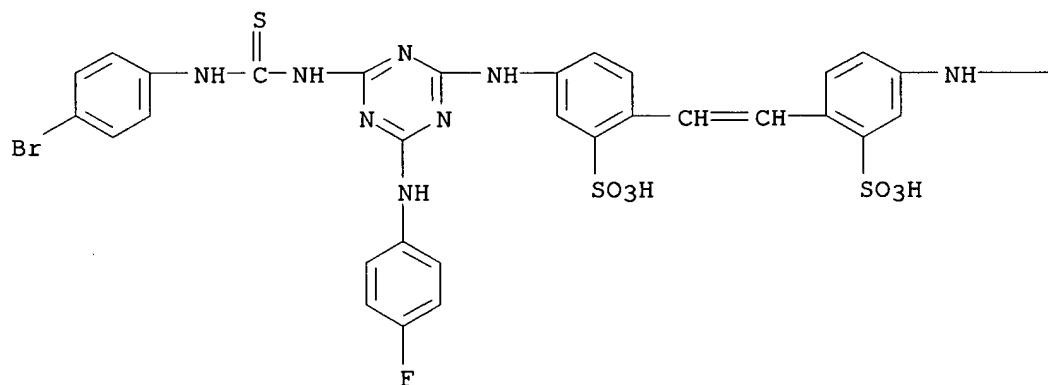
PAGE 1-A

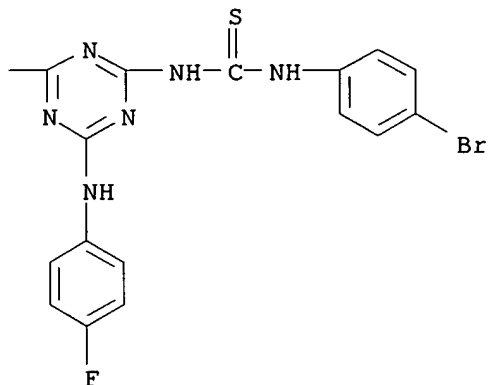




RN 160907-63-1 CAPLUS

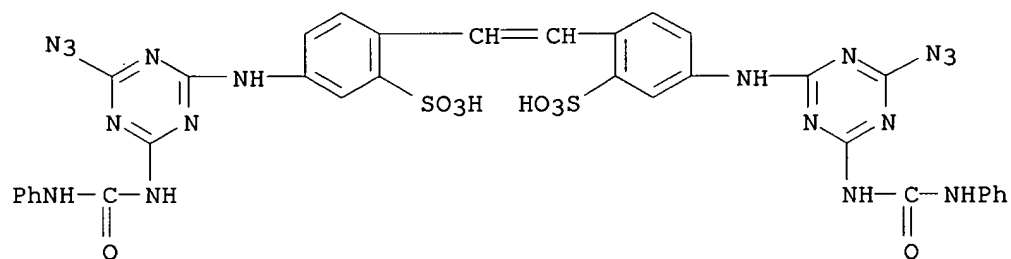
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(4-bromophenyl)amino]thioxomethyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





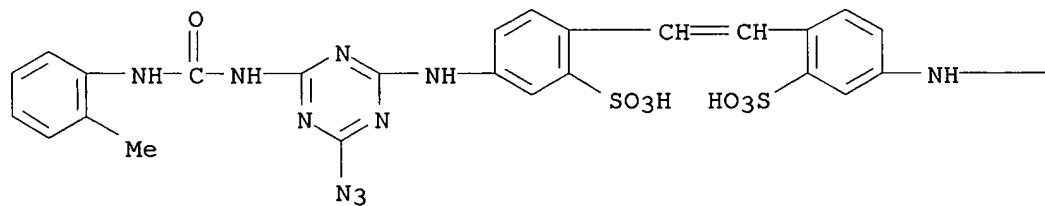
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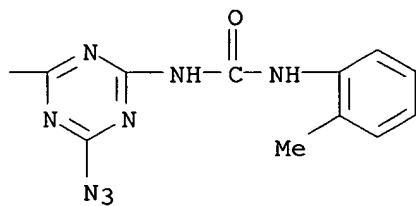
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[(phenylamino) carbonyl] amino]-1,3,5-triazin-2-yl] amino]- (9CI) (CA INDEX NAME)



RN 160907-65-3 CAPLUS

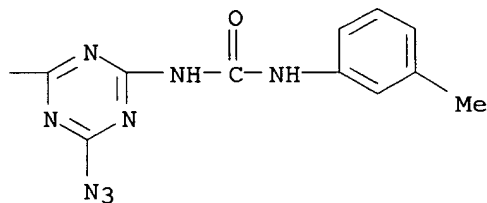
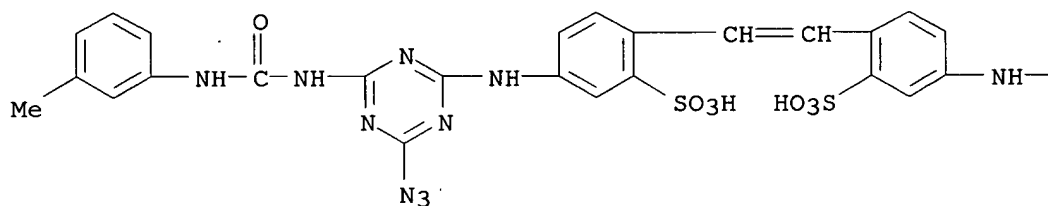
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-methylphenyl) amino] carbonyl] amino]-1,3,5-triazin-2-yl] amino]- (9CI) (CA INDEX NAME)





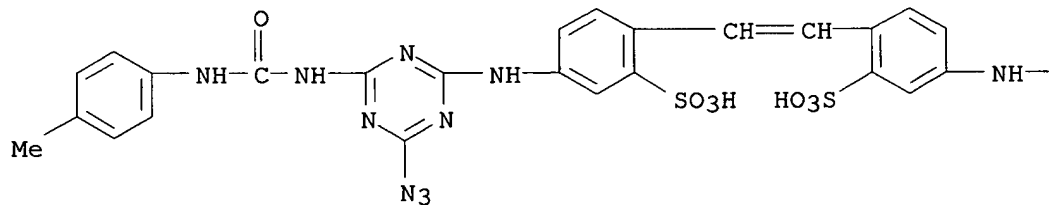
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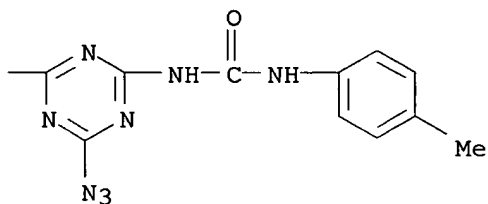
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(3-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



RN 160907-67-5 CAPLUS

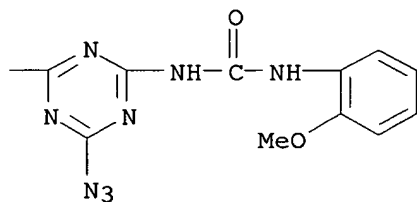
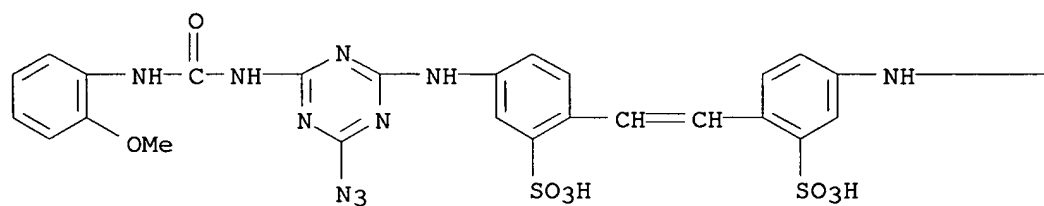
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





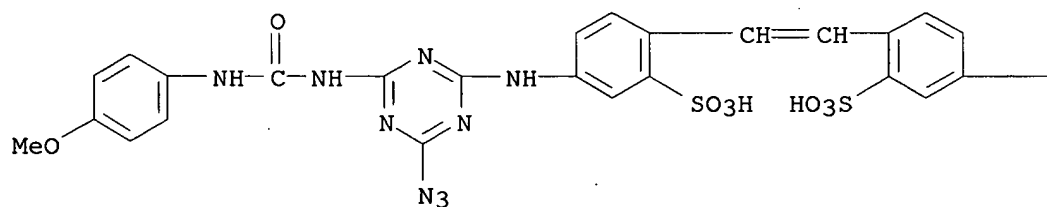
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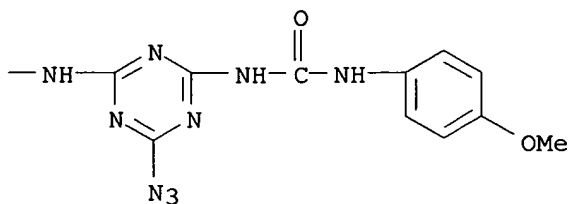
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-methoxyphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



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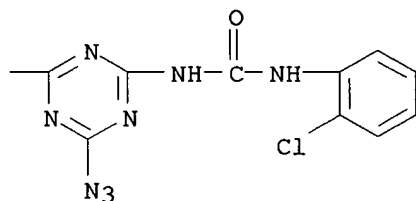
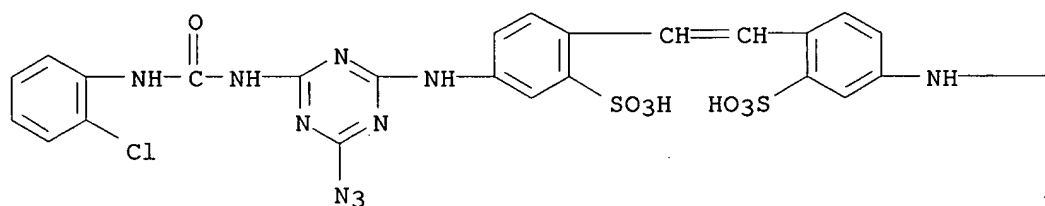
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-methoxyphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





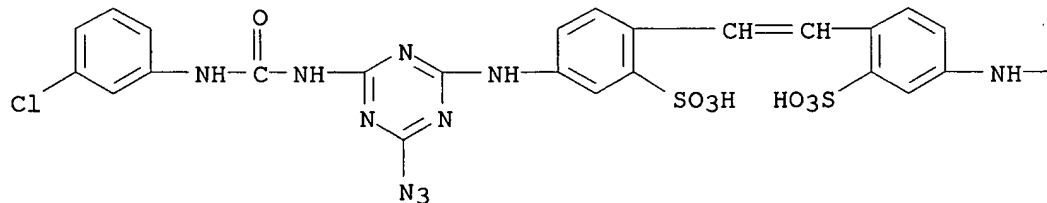
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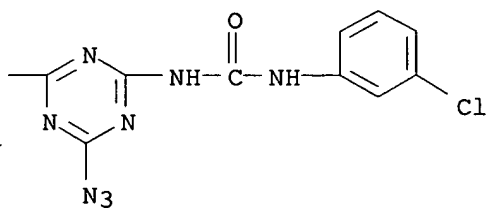
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



RN 160907-71-1 CAPLUS

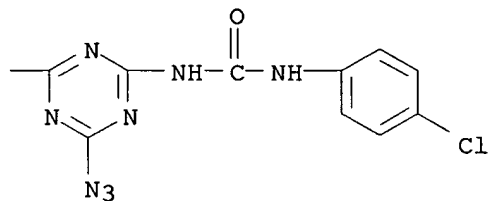
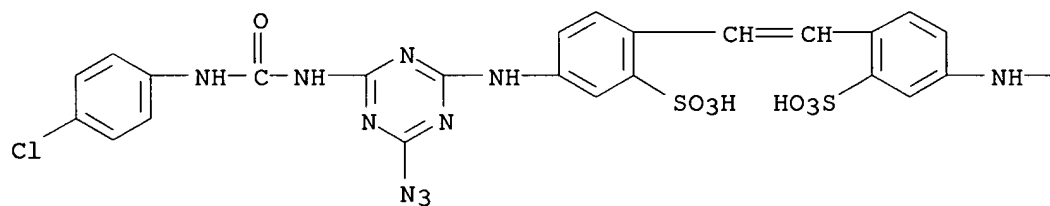
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(3-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





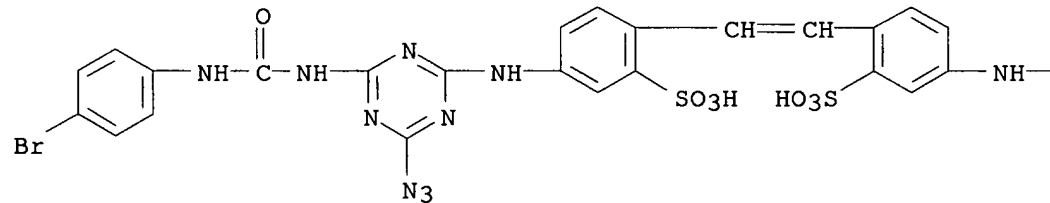
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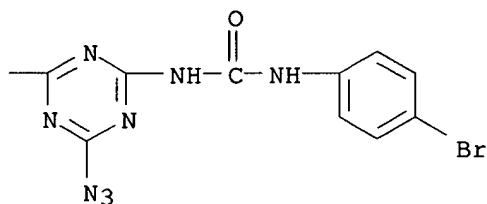
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



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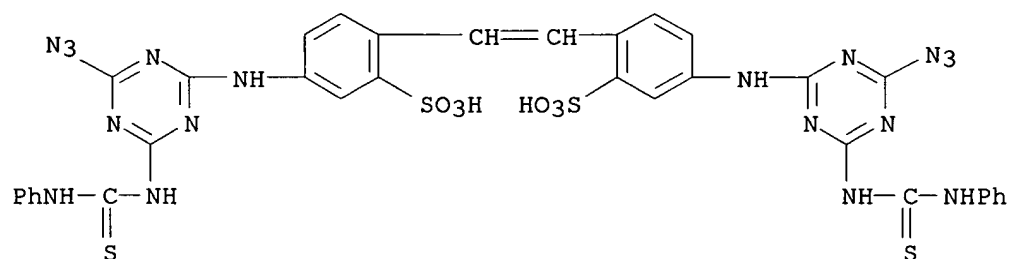
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-bromophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





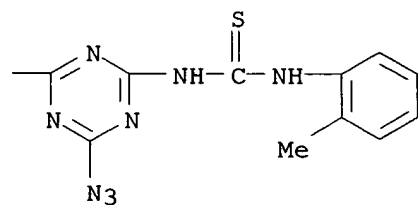
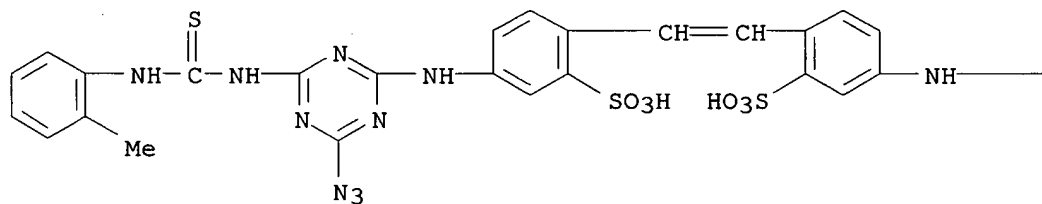
RN 160907-74-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-
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 INDEX NAME)



RN 160907-75-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-
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 (CA INDEX NAME)

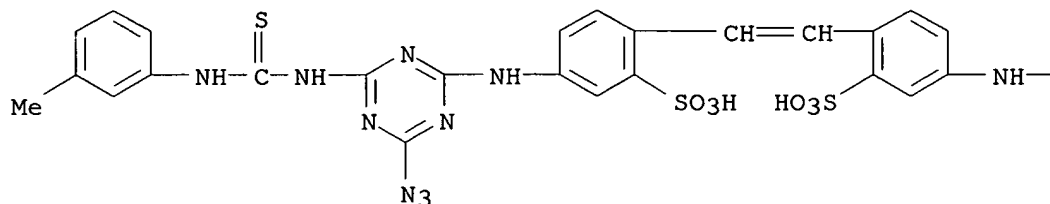


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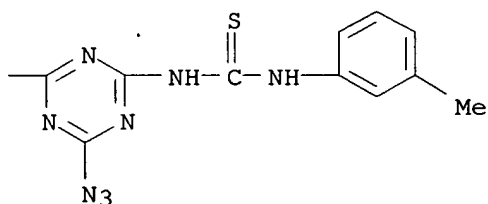
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(3-
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(CA INDEX NAME)

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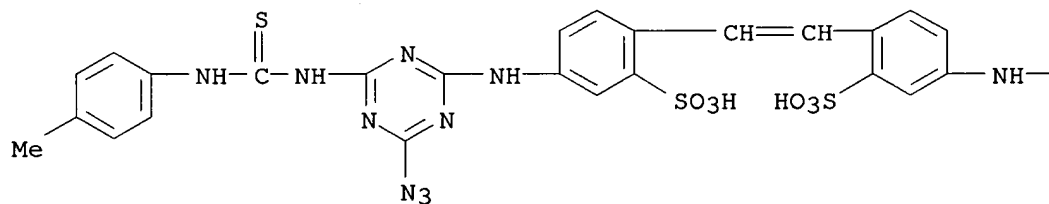
PAGE 1-B



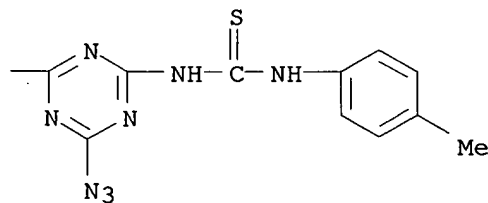
RN 160907-77-7 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-methylphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
(CA INDEX NAME)

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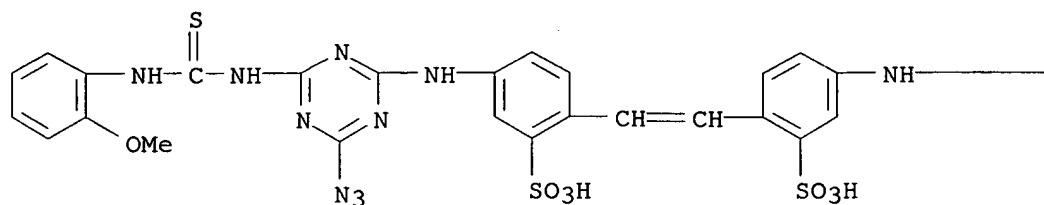
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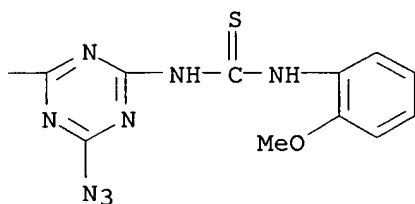
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CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-methoxyphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
(CA INDEX NAME)

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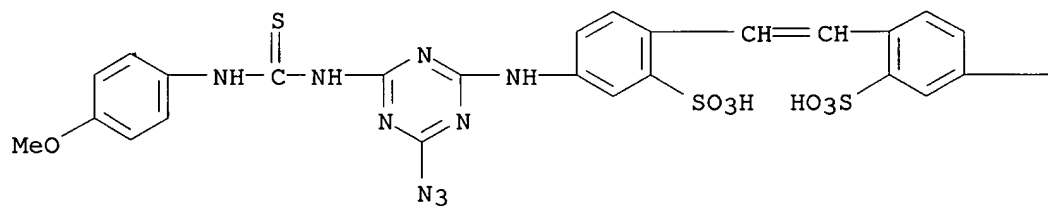


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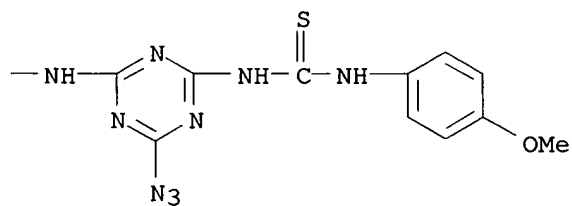


RN 160907-79-9 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-methoxyphenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
 (CA INDEX NAME)

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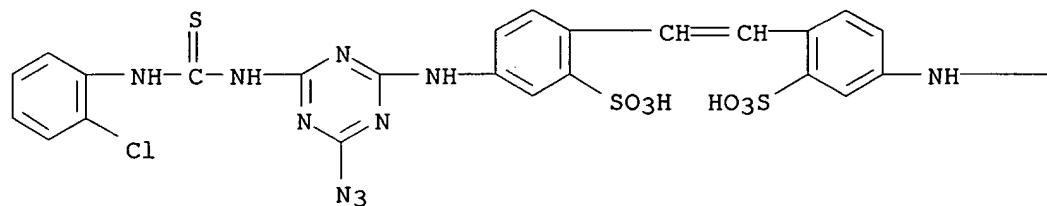


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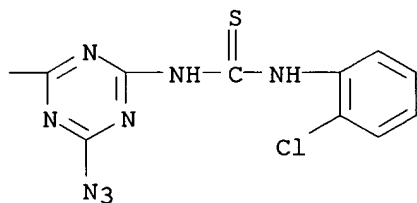


RN 160907-80-2 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-chlorophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
 (CA INDEX NAME)

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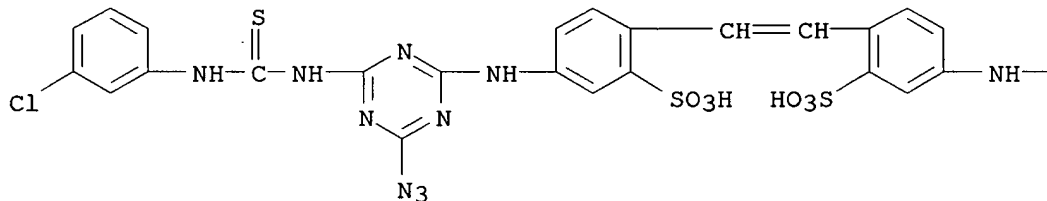
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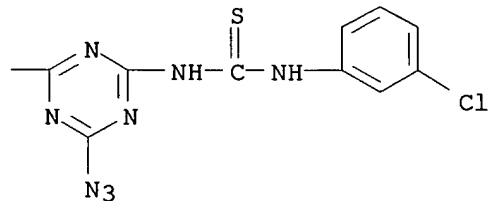
RN 160907-81-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(3-chlorophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
(CA INDEX NAME)

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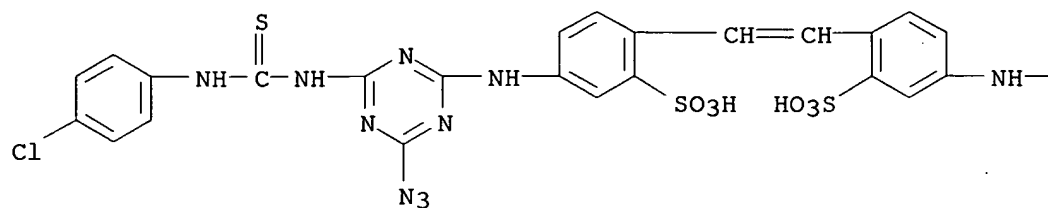
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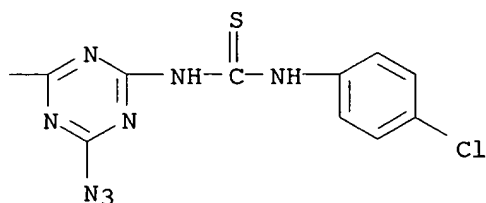
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CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-chlorophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
(CA INDEX NAME)

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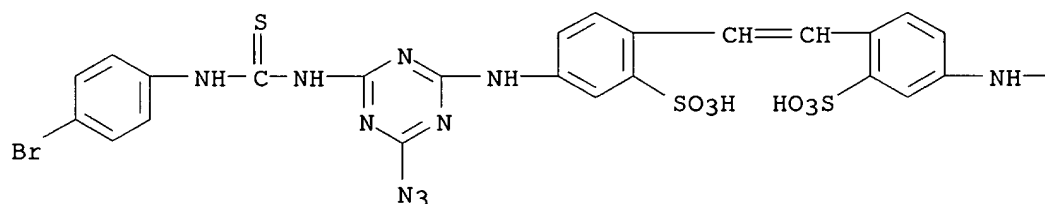
PAGE 1-B



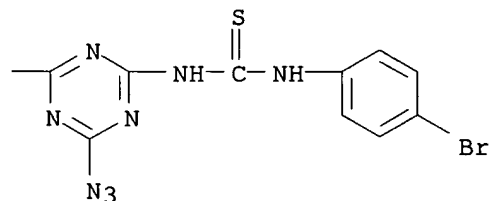
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CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-bromophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
(CA INDEX NAME)

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AN 1993:673398 CAPLUS

DN 119:273398

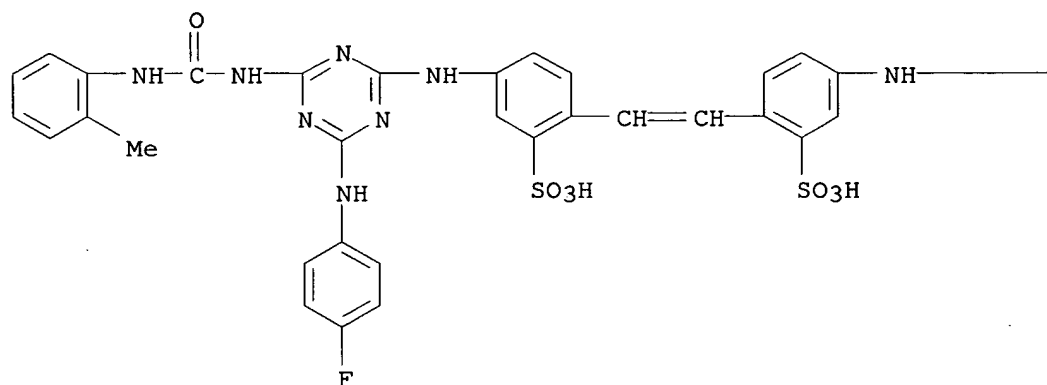
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AU Mistry, N. V.; Desai, K. R.

CS Chem. Dep., South Gujarat Univ., Surat, 395 007, India

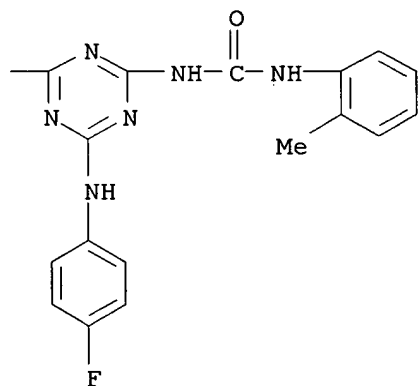
SO Journal of the Institution of Chemists (India) (1992), 64(4), 157-8
 CODEN: JOICA7; ISSN: 0020-3254
 DT Journal
 LA English
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151619-50-0P 151619-51-1P 151619-52-2P
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 (preparation of, as fluorescent brightener for polyamide)
 RN 151619-44-2 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(2-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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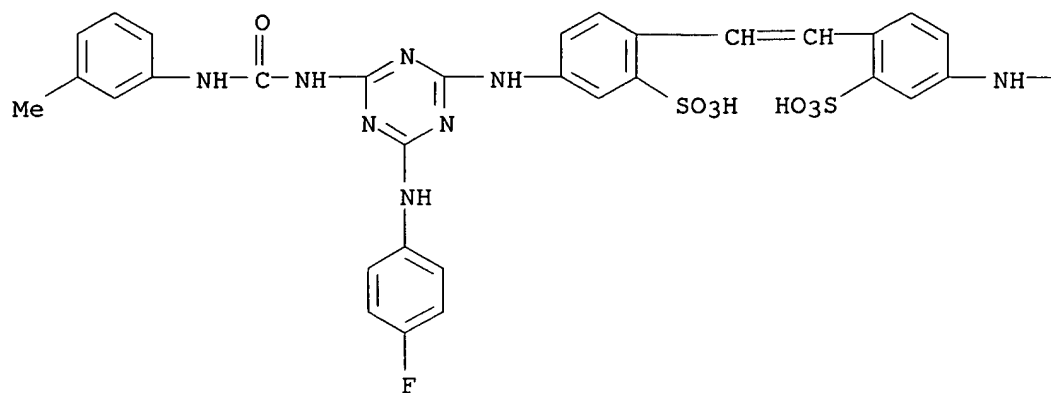


● 2 Na

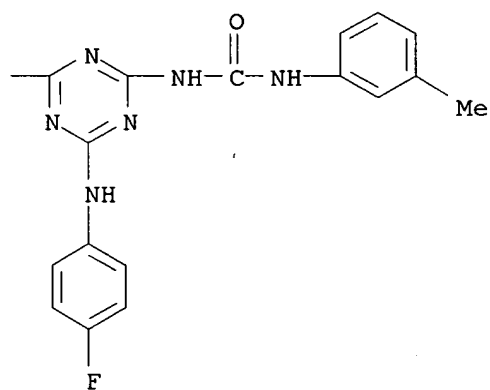
PAGE 1-B



RN 151619-45-3 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(3-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

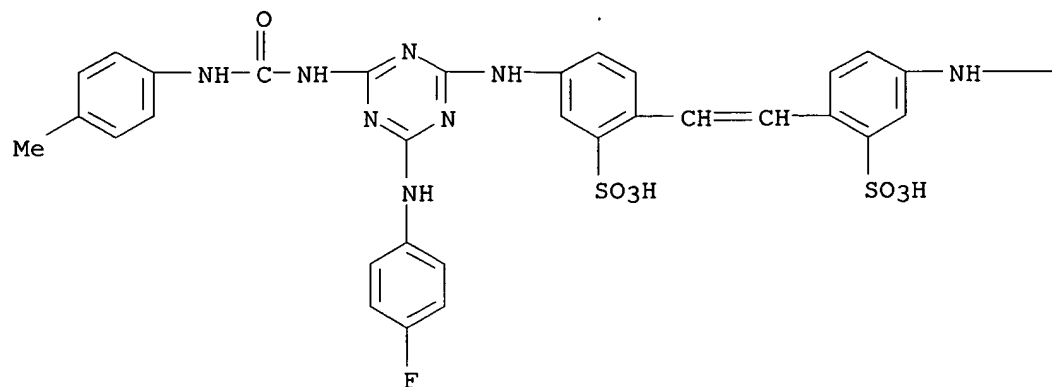


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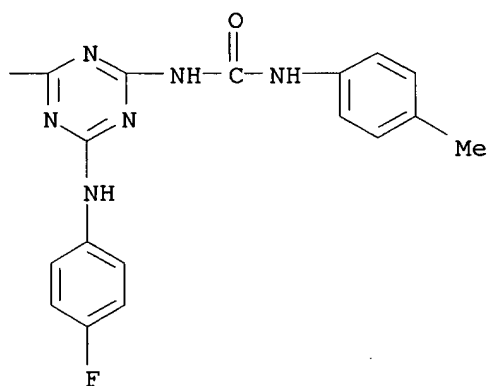


RN 151619-46-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(4-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

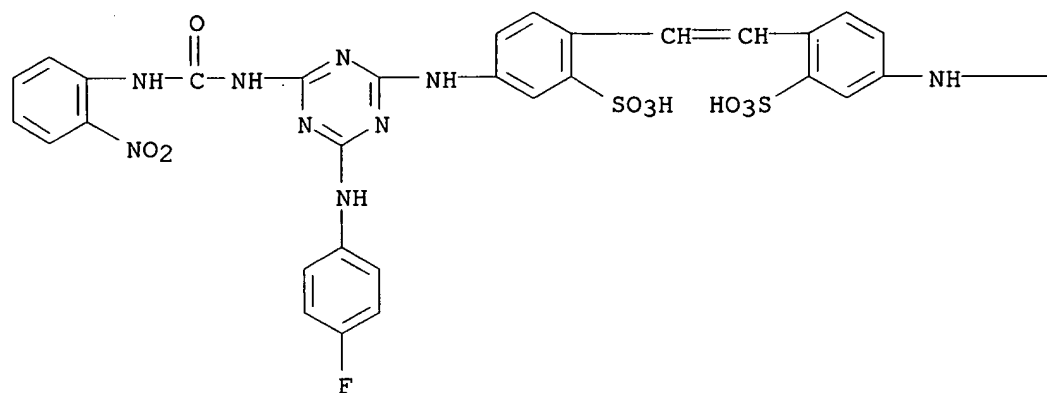


● 2 Na

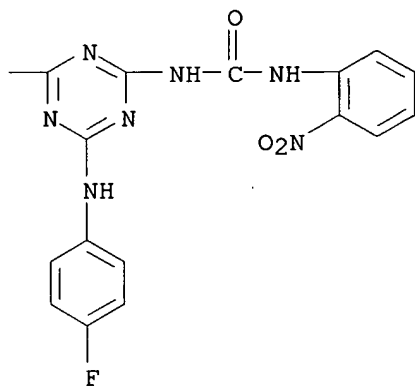


RN 151619-47-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(2-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

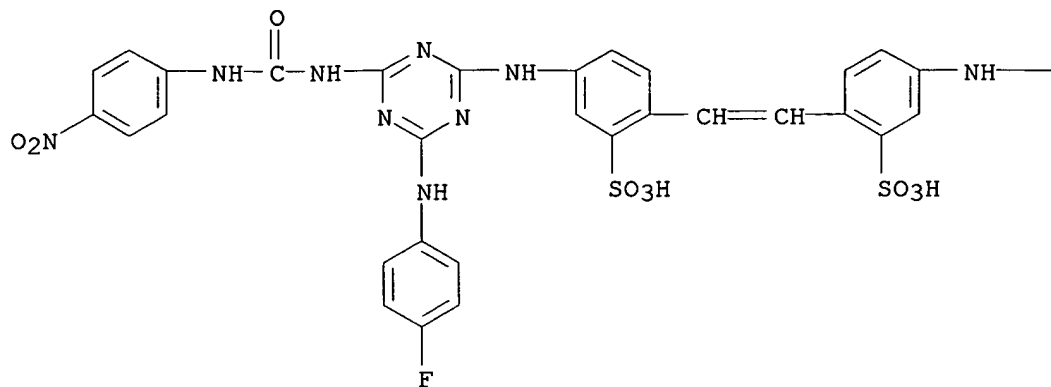


● 2 Na

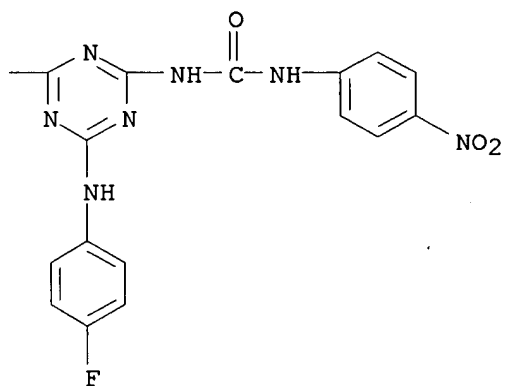


RN 151619-48-6 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(4-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

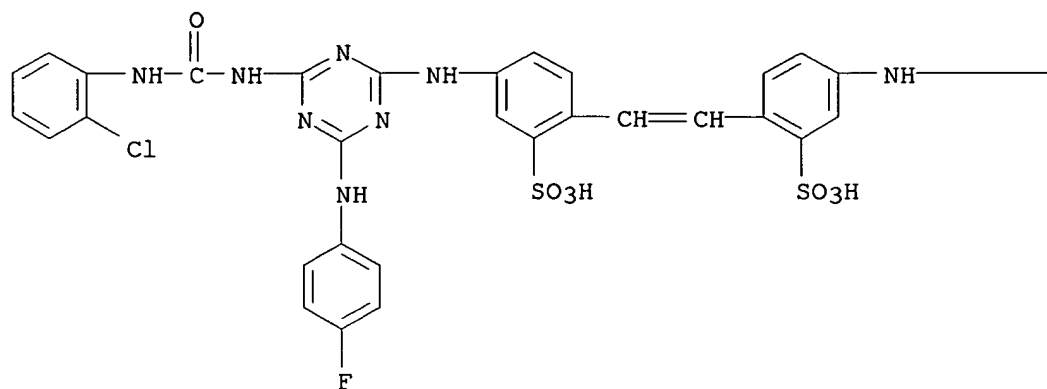


● 2 Na

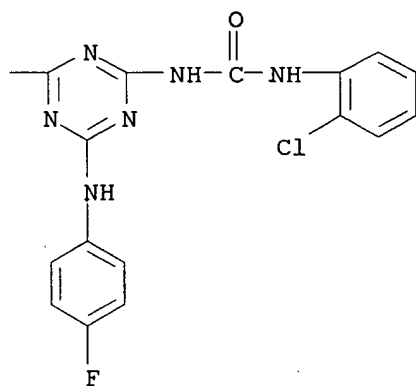


RN 151619-49-7 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(2-chlorophenyl)amino]carbonyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

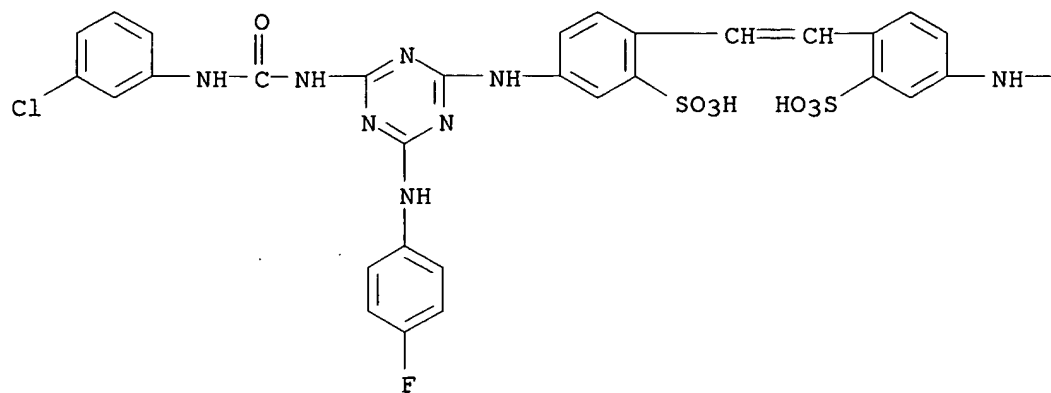


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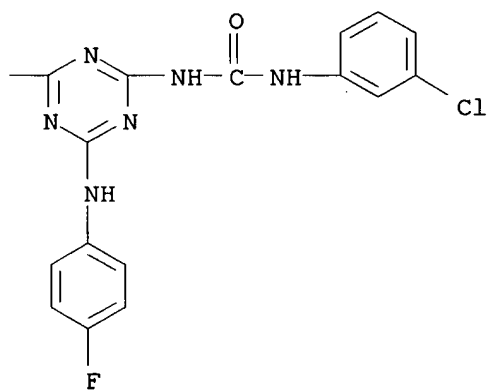


RN 151619-50-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(3-chlorophenyl)amino]carbonyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

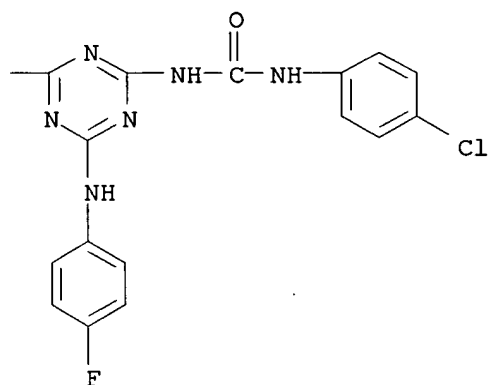
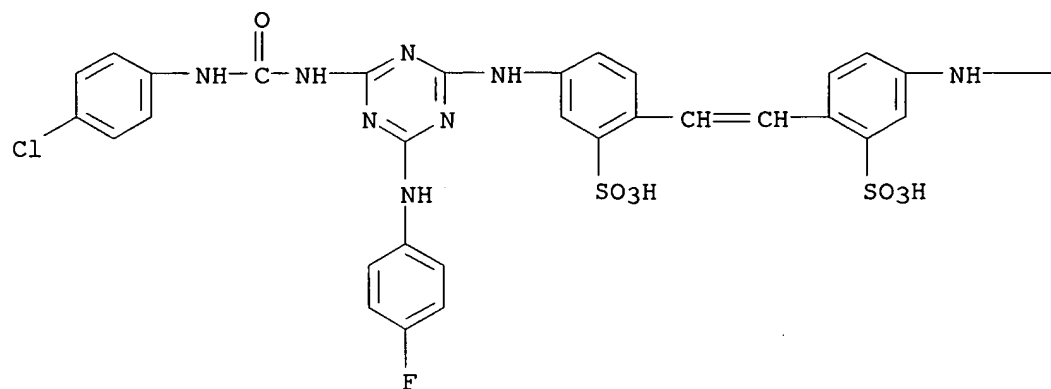


●2 Na



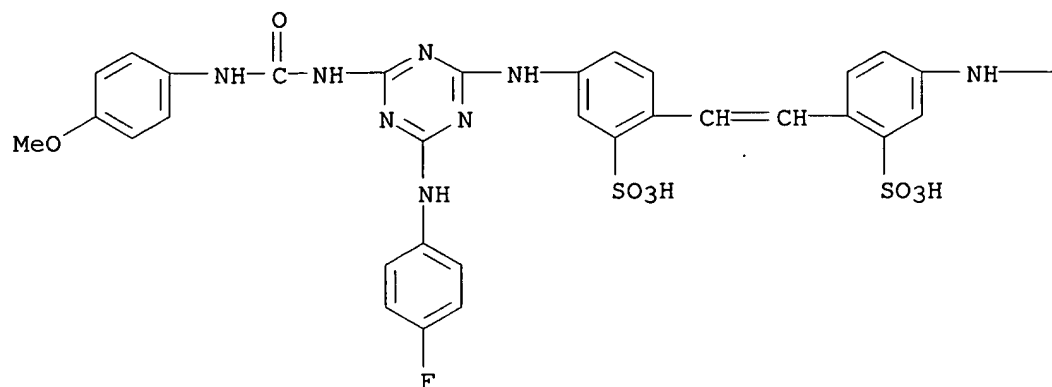
RN 151619-51-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(4-chlorophenyl)amino]carbonyl]amino]-6-[(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

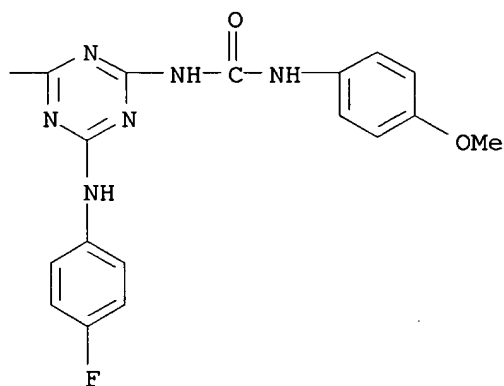


RN 151619-52-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-fluorophenyl)amino]-6-[[[(4-methoxyphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



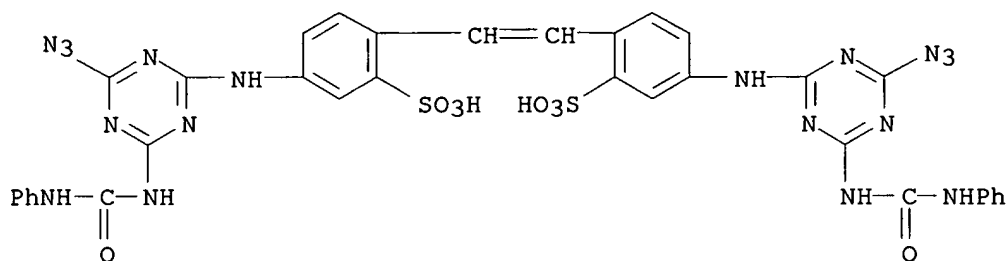
● 2 Na



L4 ANSWER 41 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1992:513517 CAPLUS
 DN 117:113517
 TI Synthesis of 4,4'-bis[4-(aryluureido)-6-azido-s-triazin-2-ylamino]stilbene-
 2,2'-disulfonic acid as fluorescent brightening agent
 AU Naik, V. R.; Desai, K. R.
 CS Chem. Dep., South Gujarat Univ., Surat, 395 007, India
 SO Journal of the Institution of Chemists (India) (1991), 63(4), 151-2
 CODEN: JOICA7; ISSN: 0020-3254
 DT Journal
 LA English
 IT 143278-36-8P 143278-37-9P 143278-38-0P
 143278-39-1P 143278-40-4P 143278-41-5P
 143278-42-6P 143278-43-7P 143278-44-8P
 143278-45-9P 143278-46-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as fluorescent brightener for nylon)
 RN 143278-36-8 CAPLUS

10/508,444

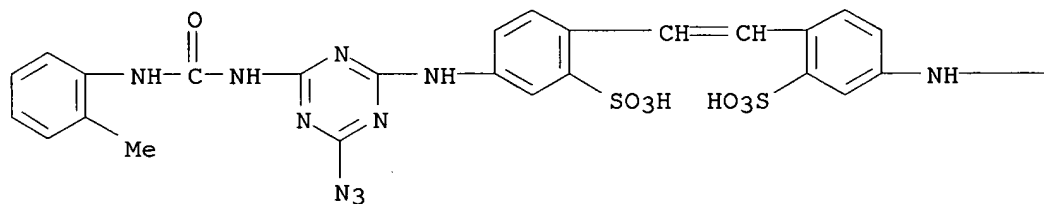
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(phenylamino)carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



● 2 Na

RN 143278-37-9 CAPLUS

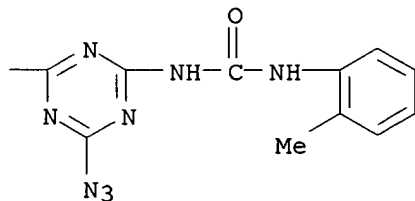
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



PAGE 1-A

● 2 Na

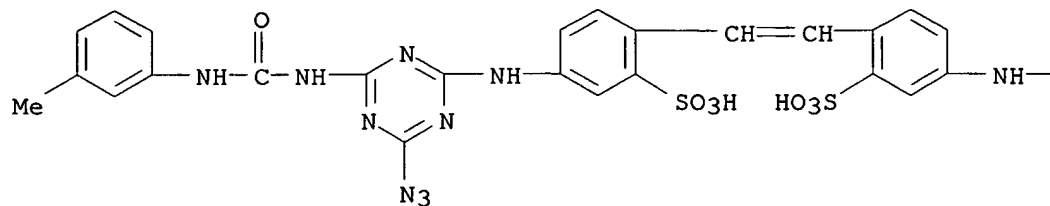
PAGE 1-B



RN 143278-38-0 CAPLUS

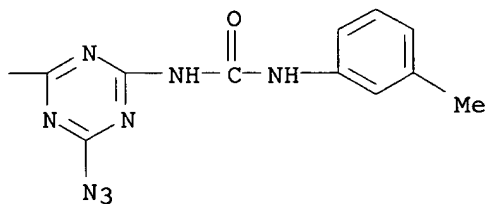
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(3-methylphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

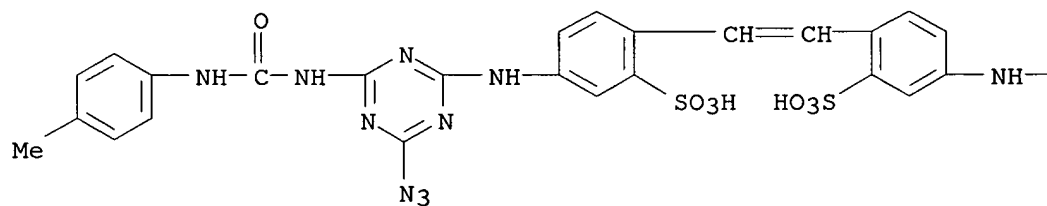
PAGE 1-B



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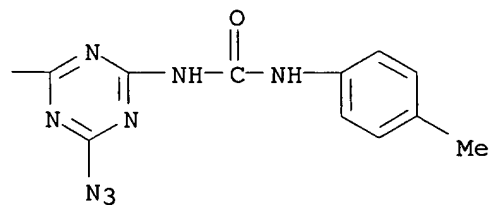
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[[4-methylphenyl]amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

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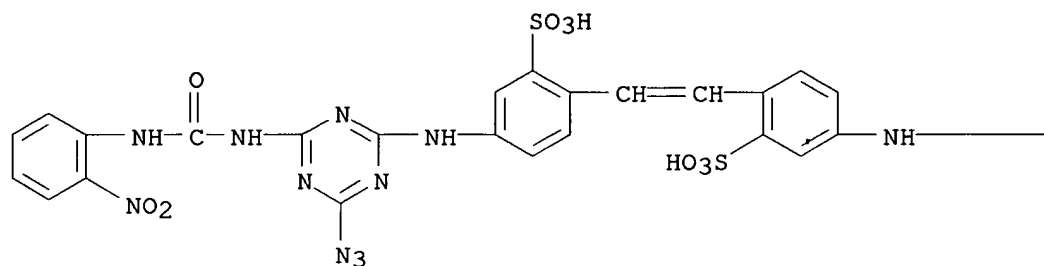


10/508,444

RN 143278-40-4 CAPLUS

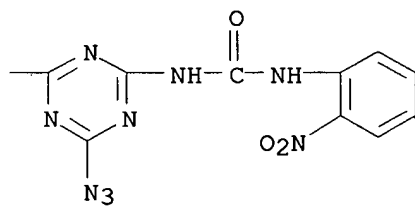
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

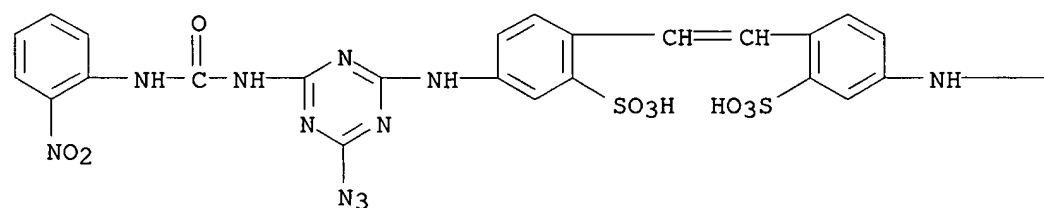
PAGE 1-B



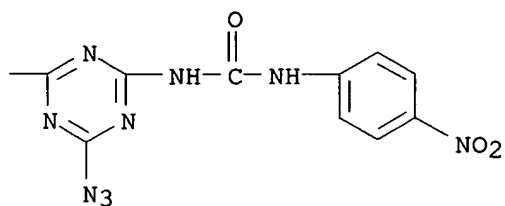
RN 143278-41-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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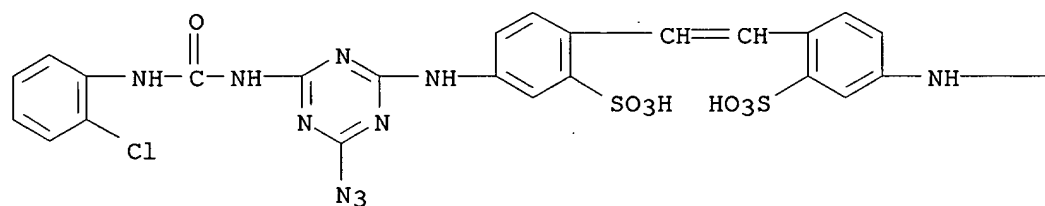


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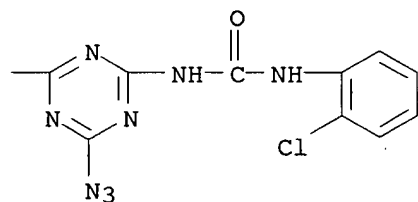


RN 143278-42-6 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(2-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



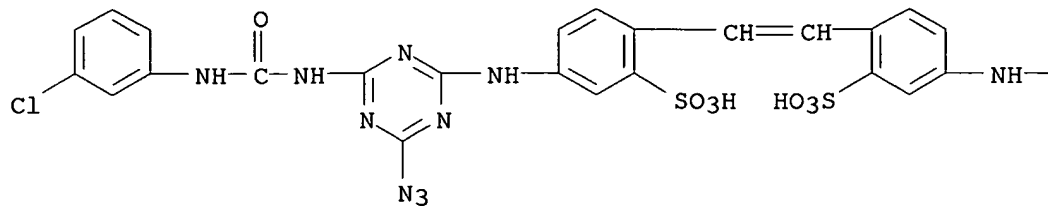
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RN 143278-43-7 CAPLUS

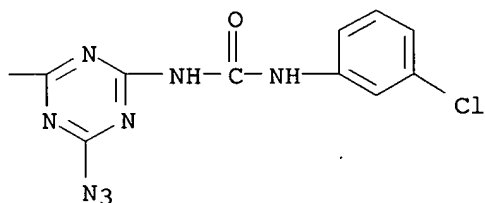
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(3-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

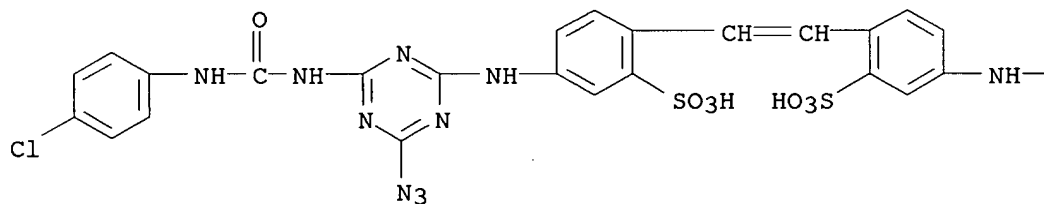
PAGE 1-B



RN 143278-44-8 CAPLUS

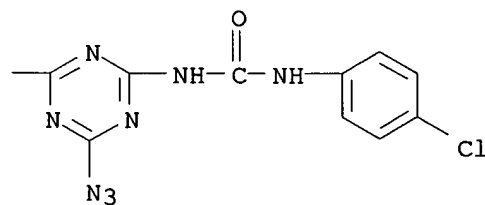
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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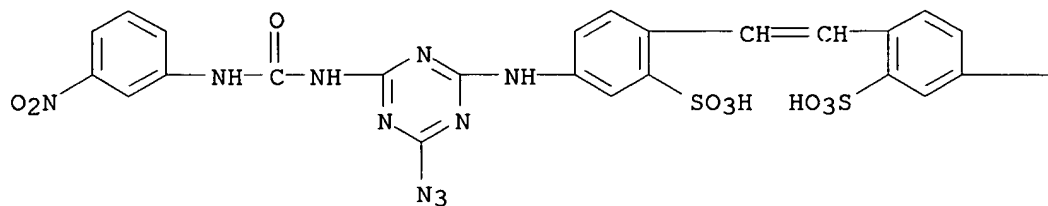


10/508,444

RN 143278-45-9 CAPLUS

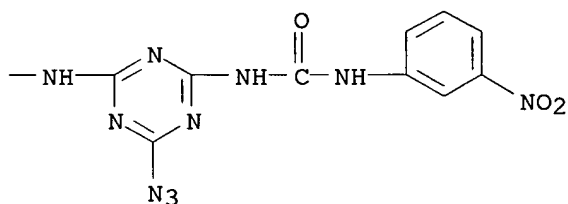
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(3-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

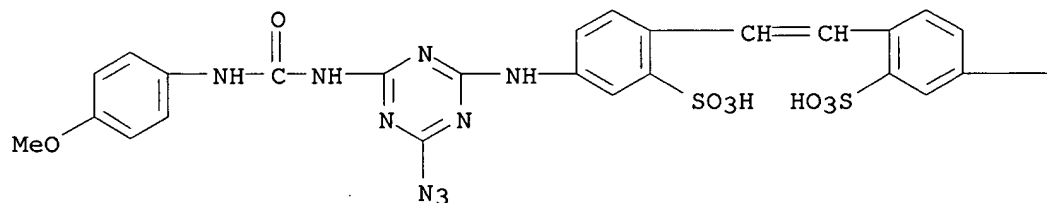
PAGE 1-B



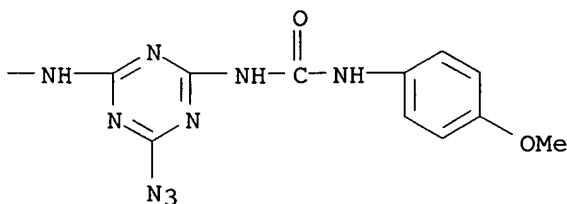
RN 143278-46-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[[(4-methoxyphenyl)amino]carbonyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



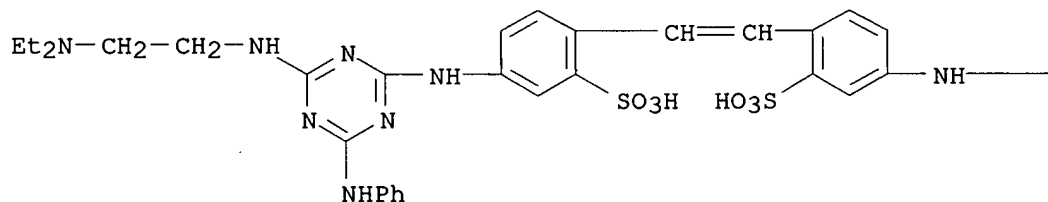
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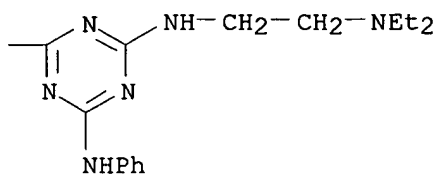


L4 ANSWER 42 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1991:249766 CAPLUS
 DN 114:249766
 TI Liquid detergent compositions containing fluorescent brighteners
 IN Schuessler, Ulrich; Seng, Florian
 PA Bayer A.-G., Germany
 SO Ger. Offen., 5 pp.
 CODEN: GWXXBX
 DT Patent
 LA German

FAN.CNT 1

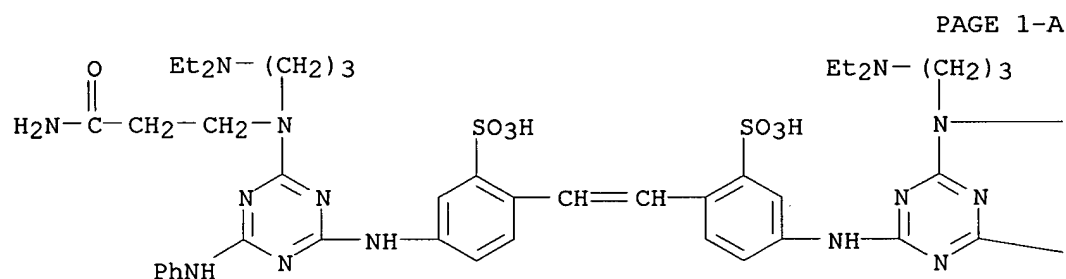
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3922494	A1	19910117	DE 1989-3922494	19890708
	EP 413926	A1	19910227	EP 1990-111940	19900623
	R: CH, DE, FR, GB, IT, LI				
	JP 03045699	A2	19910227	JP 1990-172830	19900702
	CA 2020666	AA	19910109	CA 1990-2020666	19900706
PRAI	DE 1989-3922494	A	19890708		
OS	MARPAT 114:249766				
IT	134198-37-1 134198-38-2 134198-39-3 134216-04-9 135247-38-0				
	RL: USES (Uses)				
	(fluorescent brighteners, liquid detergent compns. containing)				
RN	134198-37-1 CAPLUS				
CN	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(diethylamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-				
	(9CI) (CA INDEX NAME)				





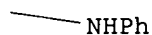
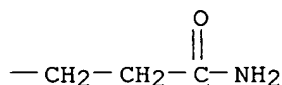
RN 134198-38-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl)[3-(diethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



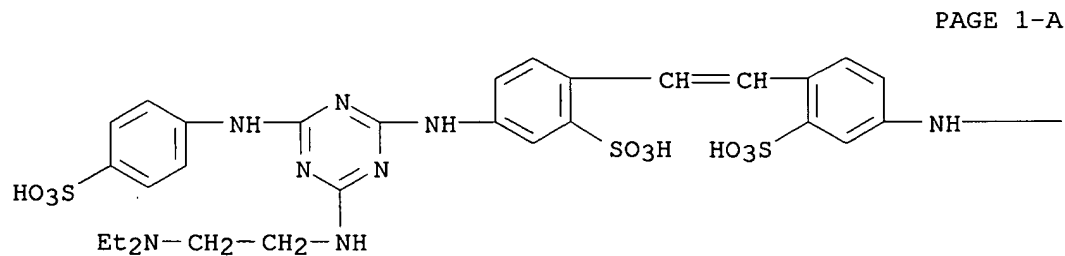
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PAGE 1-B

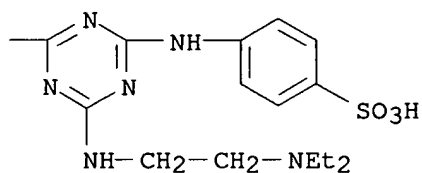


RN 134198-39-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(diethylamino)ethyl]amino]-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

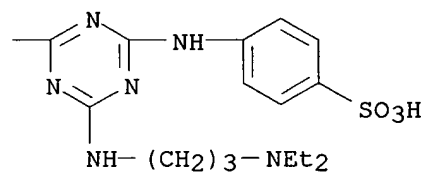
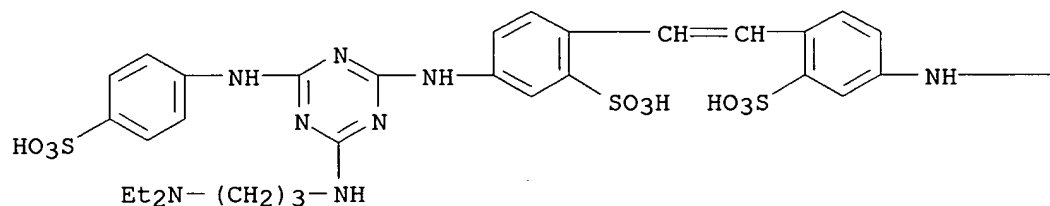


PAGE 1-A



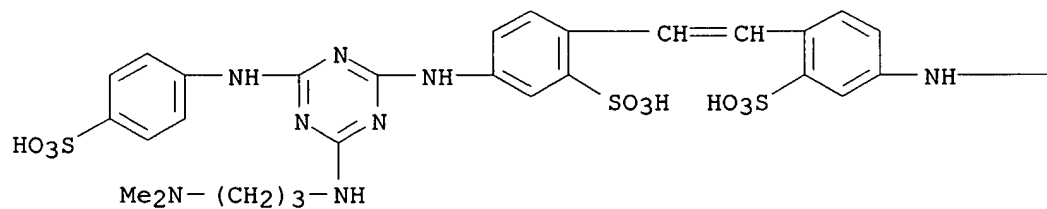
RN 134216-04-9 CAPLUS

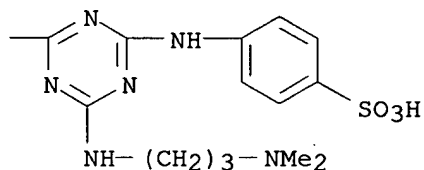
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(diethylamino)propyl]amino]-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



RN 135247-38-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(dimethylamino)propyl]amino]-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)





L4 ANSWER 43 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1991:45544 CAPLUS

DN 114:45544

TI Storage-stable liquid compositions containing fluorescent brighteners for laundering

IN Chavannes, Jean Pierre; Forrer, Rolf Heinz

PA Sandoz-Patent-G.m.b.H., Germany

SO Ger. Offen., 6 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

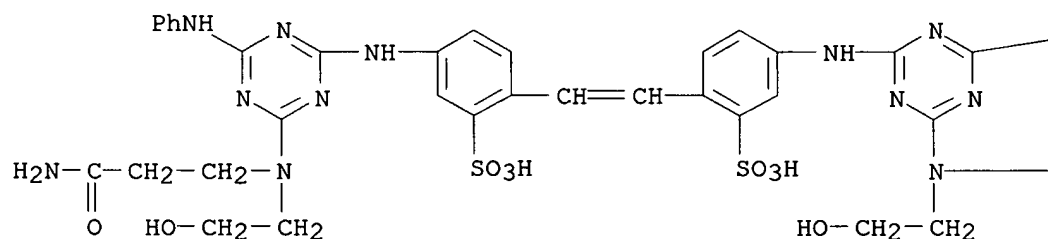
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	EP 376893	A2	19900704	EP 1989-810985	19891227
	EP 376893	A3	19910807		
	R: BE, CH, DE, FR, GB, IT, LI, NL				
	JP 02227497	A2	19900910	JP 1989-336815	19891227
PRAI	DE 1988-3844341	A	19881230		
OS	MARPAT 114:45544				
IT	27344-06-5				

RL: USES (Uses)

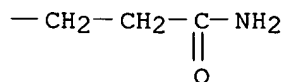
(fluorescent brighteners, liquid detergents and fabric softeners containing, storage-stable)

RN 27344-06-5 CAPLUS

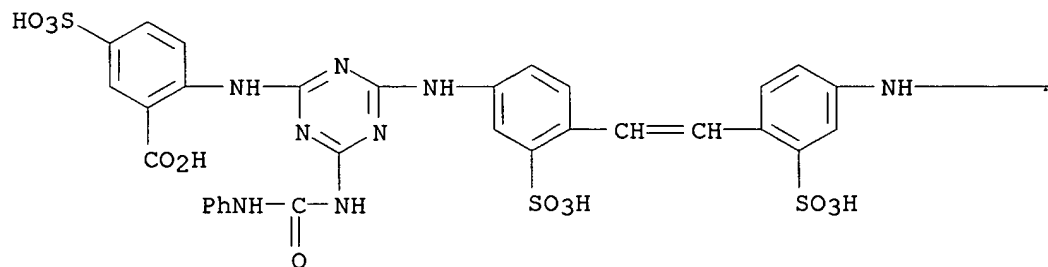
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

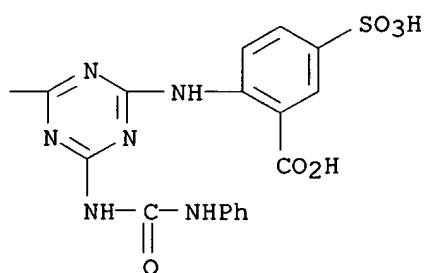


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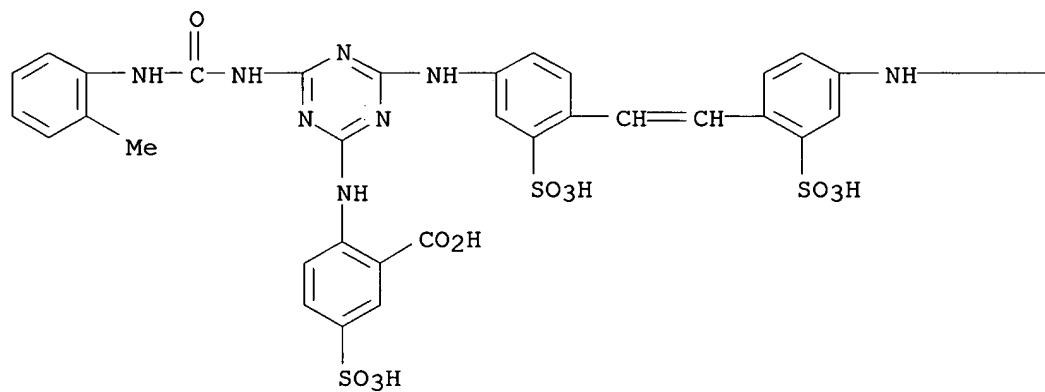
L4 ANSWER 44 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1986:20729 CAPLUS
 DN 104:20729
 TI Synthesis of 4,4'-bis-[-4-(phenylurea)-6-(carboxysulfoanilino)-s-triazine-2-ylamino]-stilbene-2,2'-disulfonic acid as fluorescent brightening agent
 AU Desai, K. R.; Vashi, D. M.
 CS Dep. Chem., South Gujarat Univ., Surat, 395 007, India
 SO Journal of the Institution of Chemists (India) (1985), 57(2), 53-4
 CODEN: JOICA7; ISSN: 0020-3254
 DT Journal
 LA English
 IT 87570-78-3 87570-79-4 87570-80-7
 87570-81-8 87570-82-9 87570-83-0
 87570-84-1 87570-85-2 87570-86-3
 87588-72-5
 RL: USES (Uses)
 (fluorescent brighteners, for nylon fabrics, preparation of)
 RN 87570-78-3 CAPLUS
 CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[(phenylamino)carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)



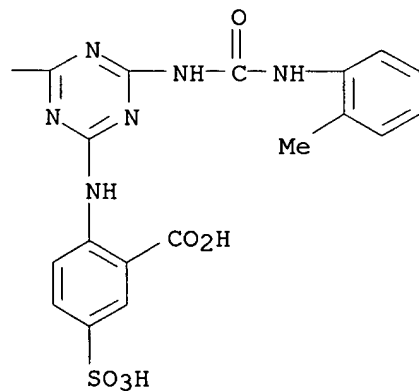


RN 87570-79-4 CAPLUS

CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(2-methylphenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)



●4 Na

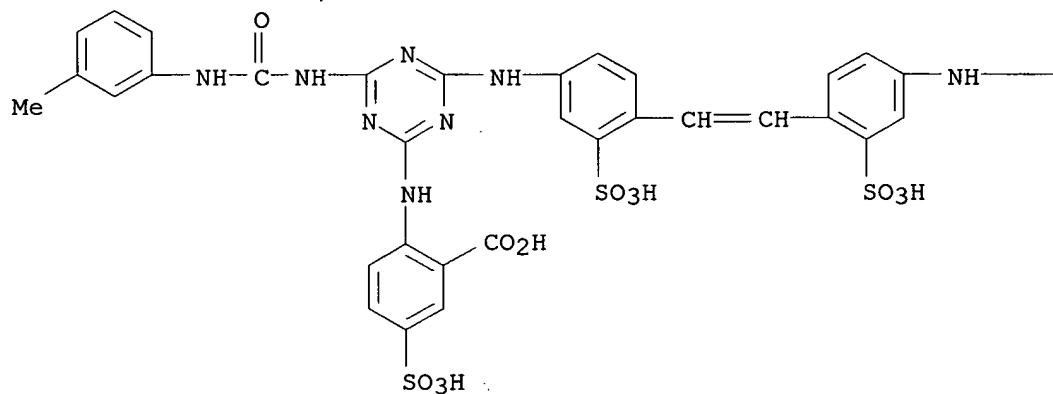


10/508,444

RN 87570-80-7 CAPLUS

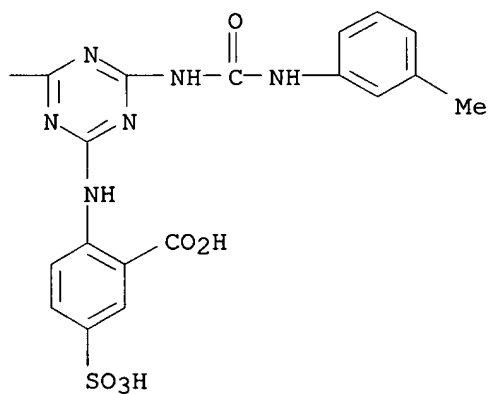
CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(3-methylphenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



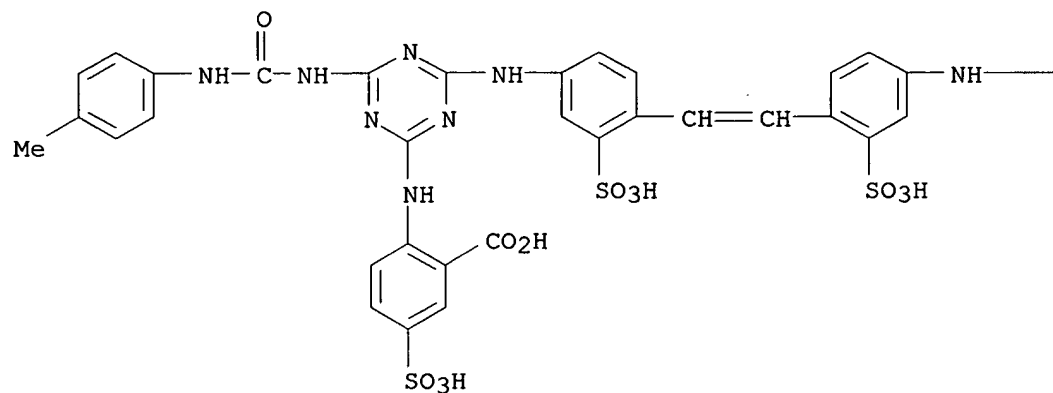
●4 Na

PAGE 1-B

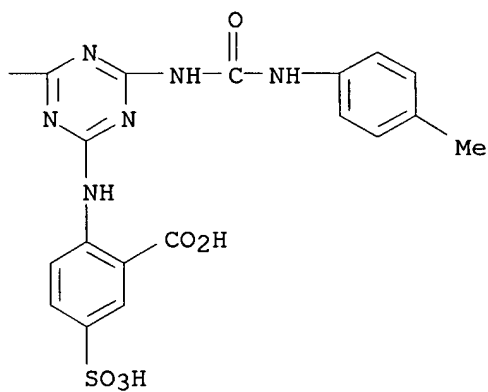


RN 87570-81-8 CAPLUS

CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(4-methylphenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

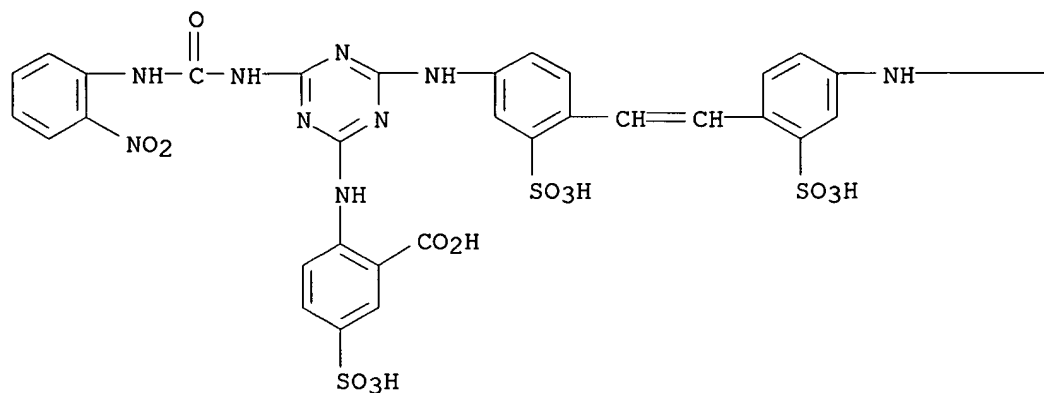


● 4 Na

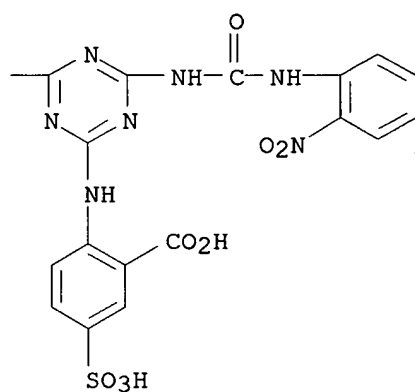


RN 87570-82-9 CAPLUS

CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(2-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

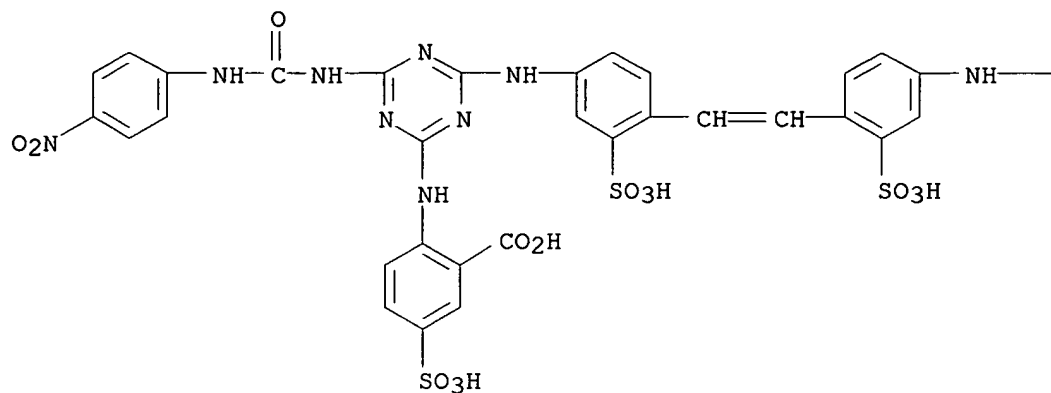


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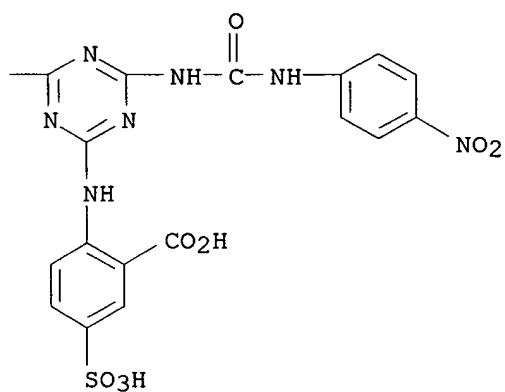


RN 87570-83-0 CAPLUS

CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(4-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

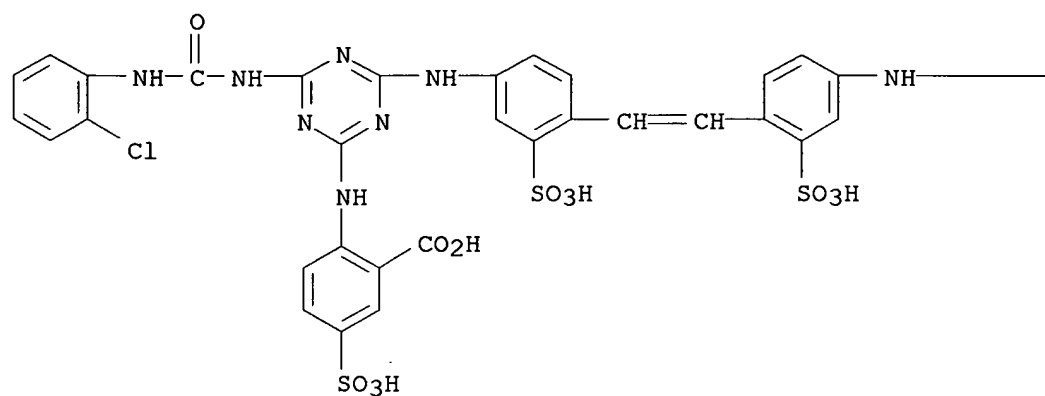


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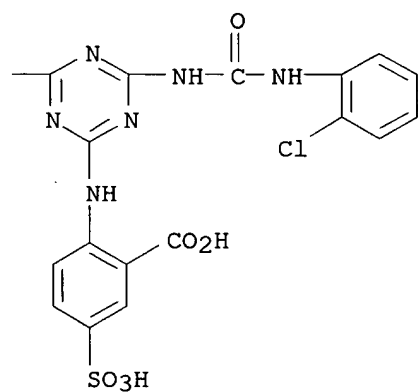


RN 87570-84-1 CAPLUS

CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(2-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

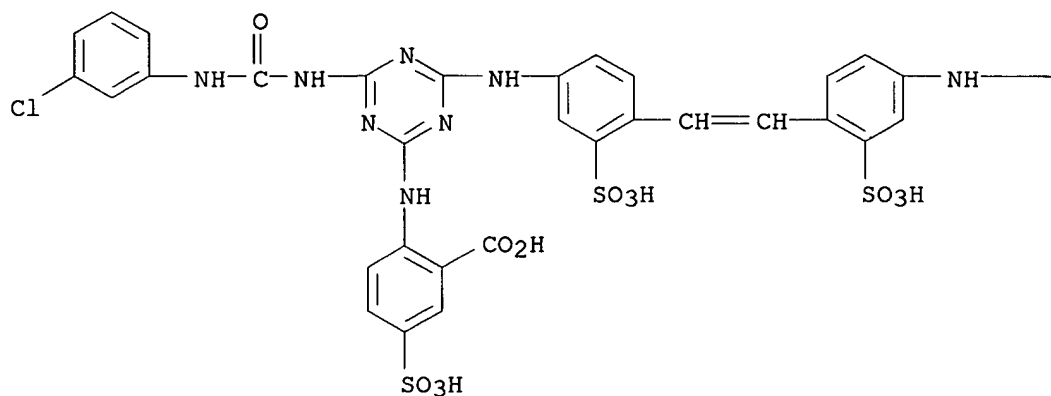


●4 Na

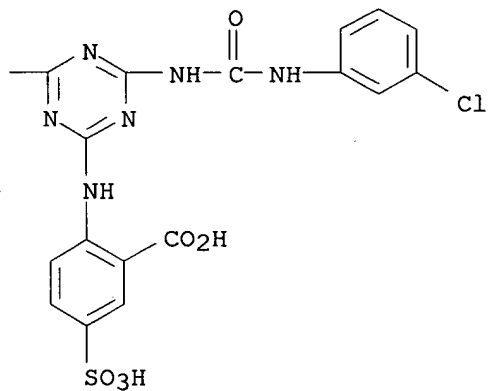


RN 87570-85-2 CAPLUS

CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(3-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

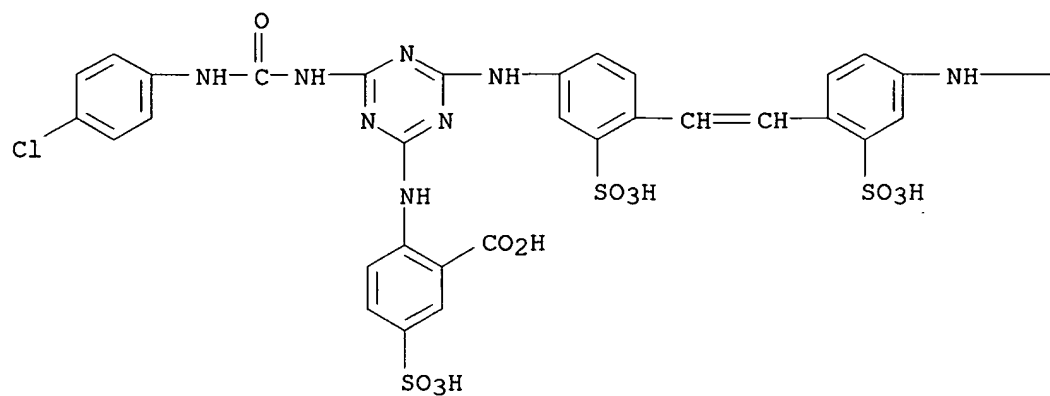


● 4 Na

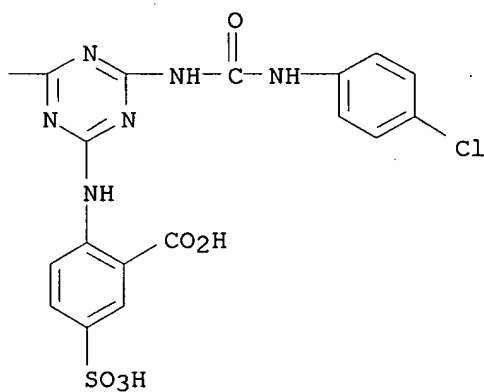


RN 87570-86-3 CAPLUS

CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(4-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

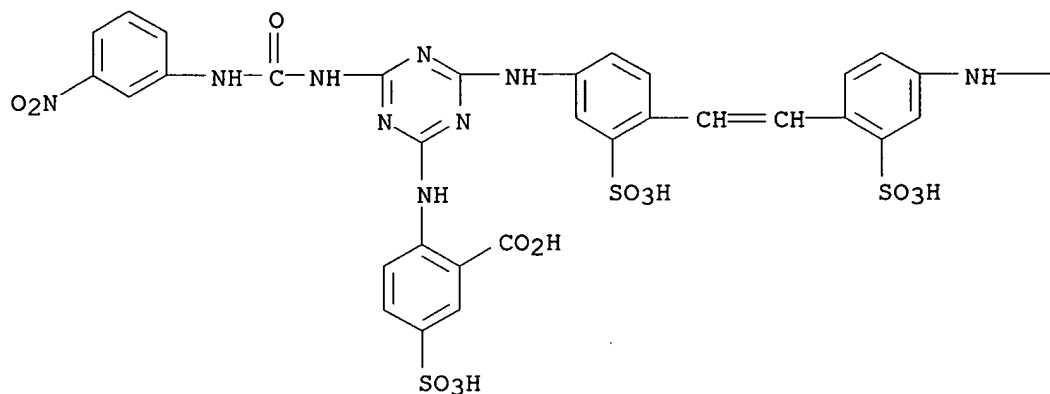


● 4 Na

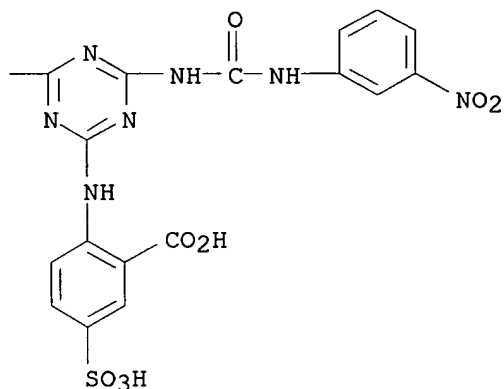


RN 87588-72-5 CAPLUS

CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(3-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)



●4 Na

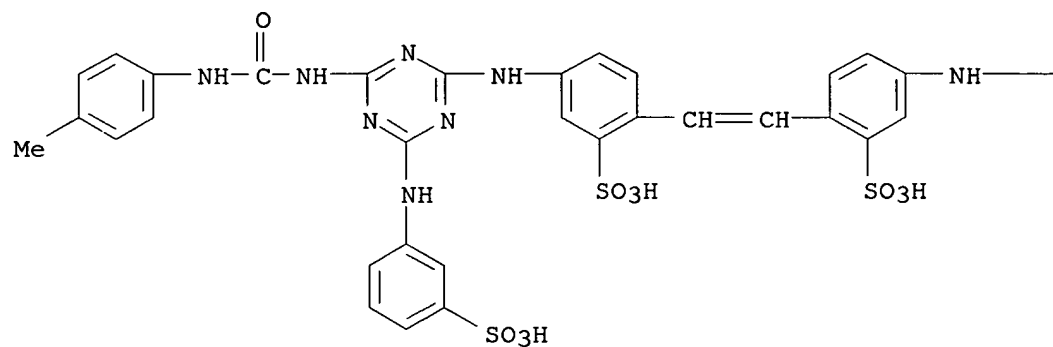


L4 ANSWER 45 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1984:35827 CAPLUS
 DN 100:35827
 TI Synthesis of 4,4'-bis-[4-(3-phenylureido)-6-(3-sulfoanilino)-s-triazin-2-ylamino]stilbene-2,2'-disulfonic acid as optical whitening agents
 AU Desai, K. R.; Patel, K. C.
 CS Dep. Chem., South Univ., Surat, 395007, India
 SO Journal of the Institution of Chemists (India) (1983), 55(4), 163-4
 CODEN: JOICA7; ISSN: 0020-3254
 DT Journal
 LA English
 IT **88367-91-3 88367-92-4**
 RL: USES (Uses)
 (fluorescent brightener, for nylon fabric, preparation of)
 RN 88367-91-3 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[4-methylphenyl)amino]carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-

10/508,444

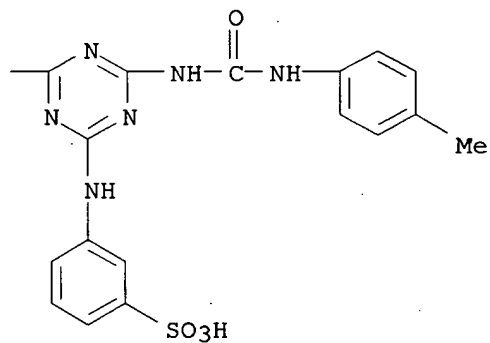
2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

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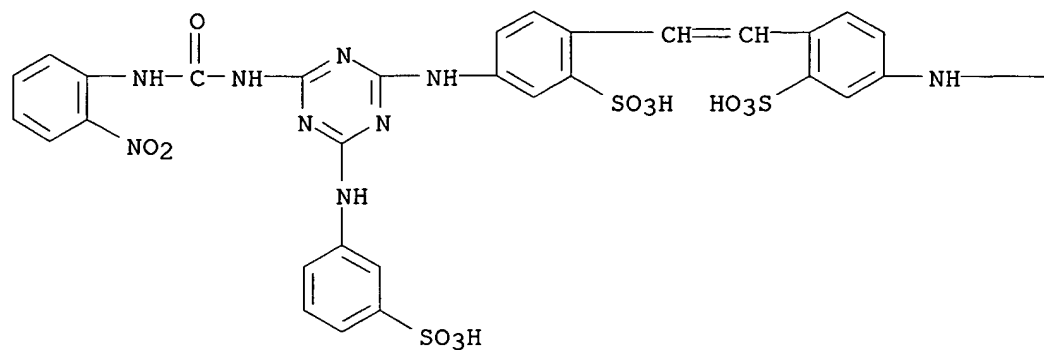
● 4 Na

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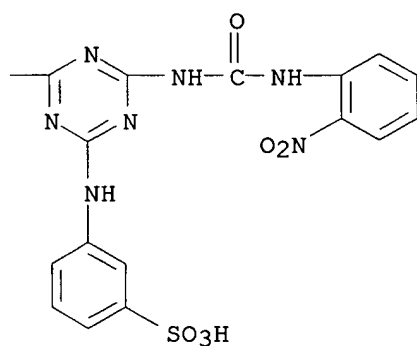


RN 88367-92-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(2-nitrophenyl)amino]carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)



● 4 Na



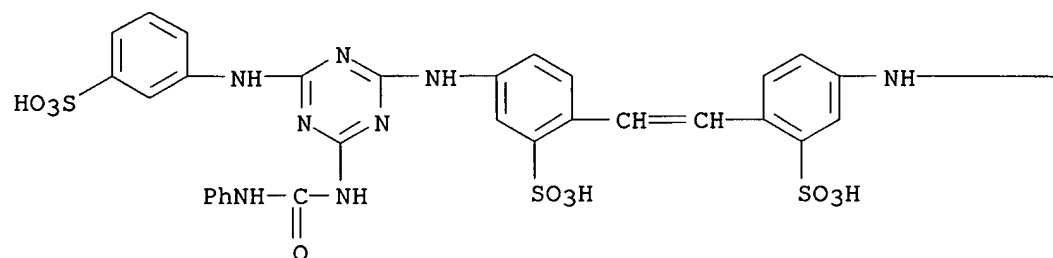
IT 88367-83-3P 88367-84-4P 88367-85-5P
 88367-86-6P 88367-87-7P 88367-88-8P
 88367-89-9P 88367-90-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (fluorescent brightener, preparation of)

RN 88367-83-3 CAPLUS

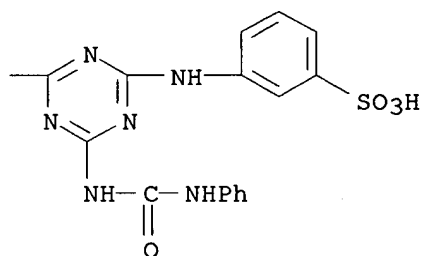
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-
 [[(phenylamino)carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-
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●4 Na

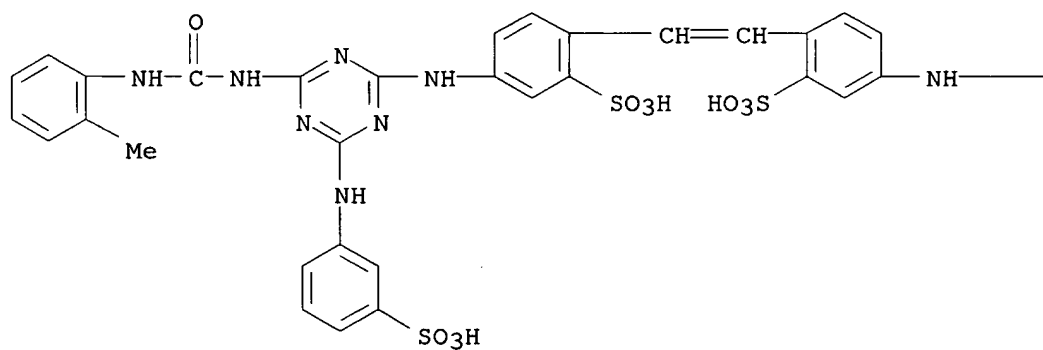
PAGE 1-B



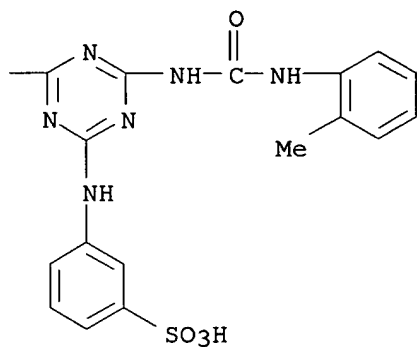
RN 88367-84-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(2-methylphenyl)amino]carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

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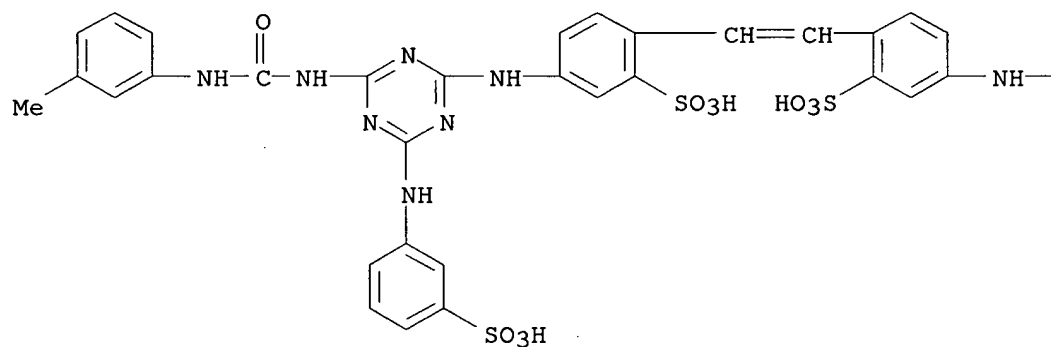


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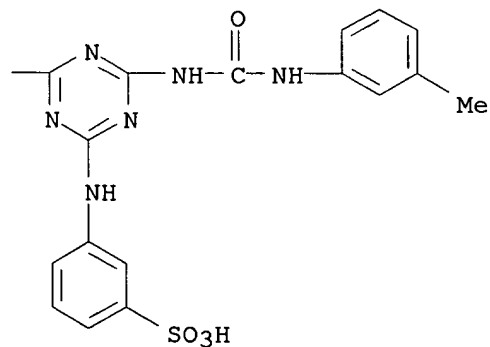


RN 88367-85-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(3-methylphenyl)amino]carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)



●4 Na

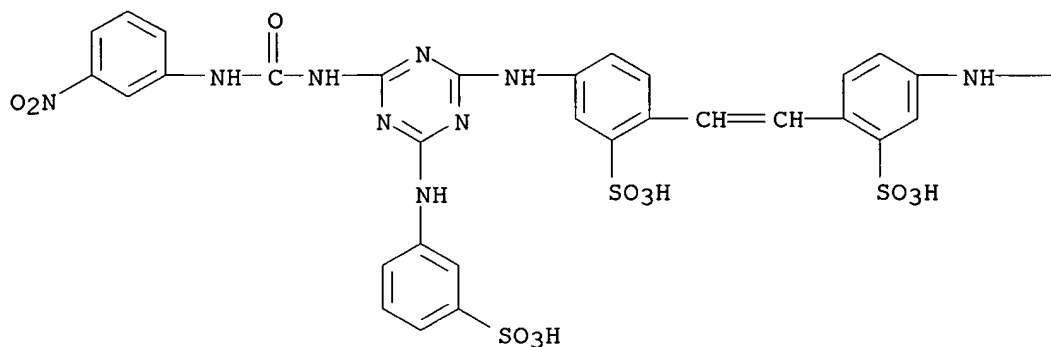


10/508,444

RN 88367-86-6 CAPLUS

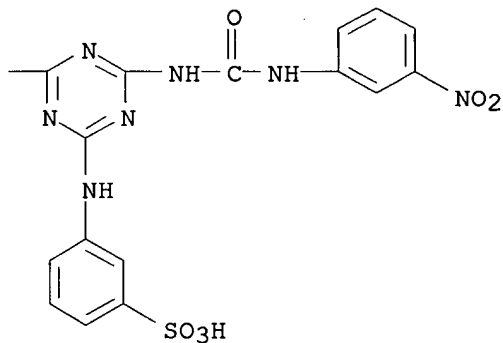
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(3-nitrophenyl)amino]carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

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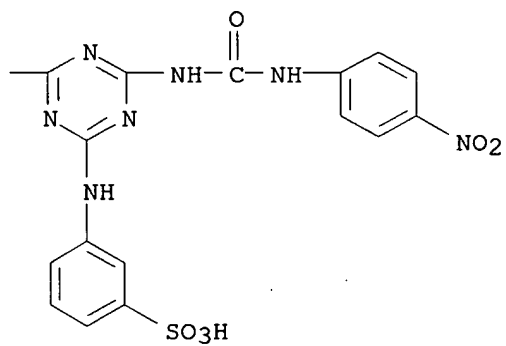
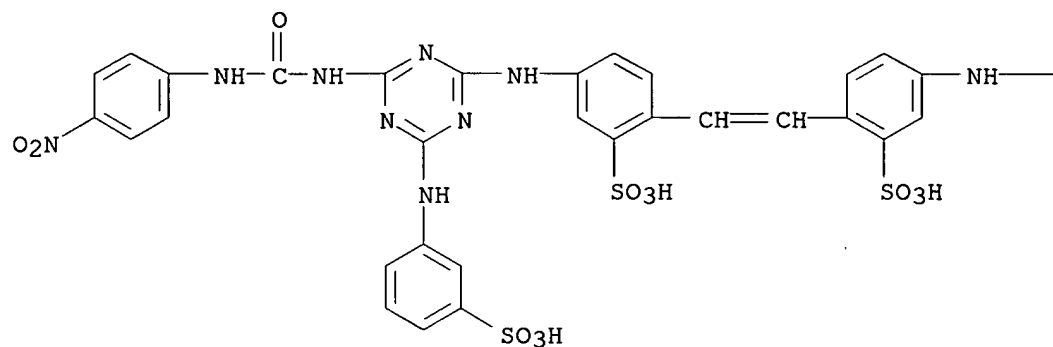
● 4 Na

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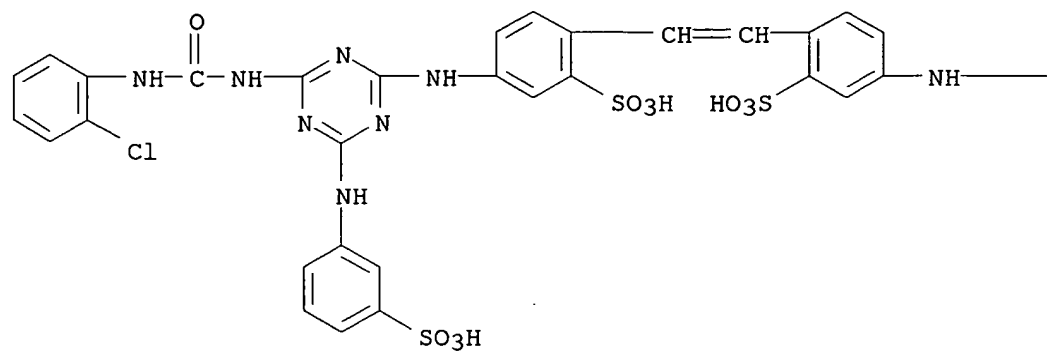
RN 88367-87-7 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(4-nitrophenyl)amino]carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

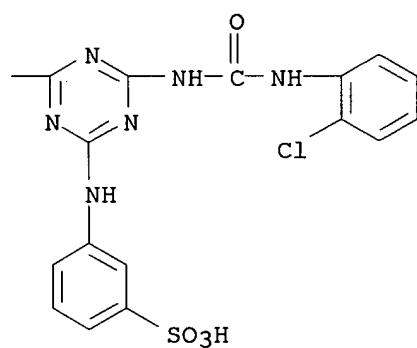


RN 88367-88-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(2-chlorophenyl)amino]carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

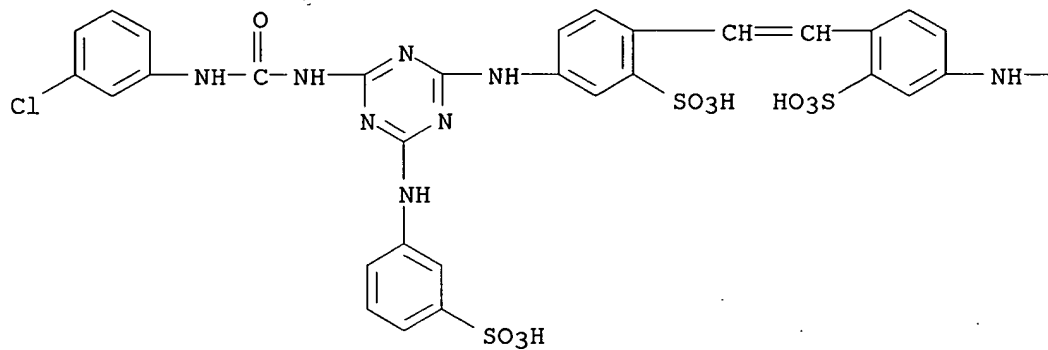


● 4 Na

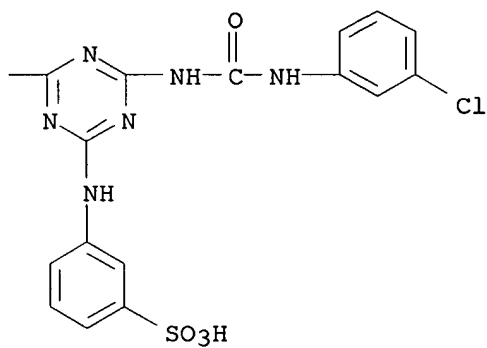


RN 88367-89-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(3-chlorophenyl)amino]carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

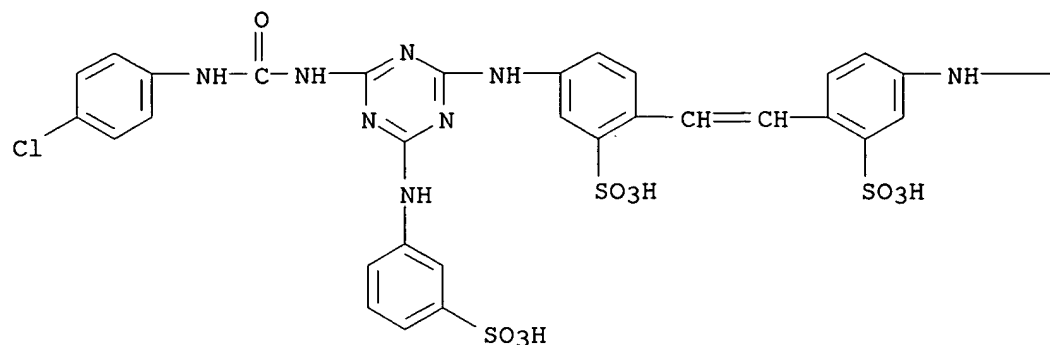


● 4 Na

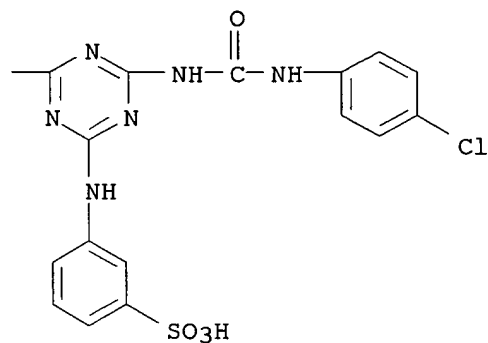


RN 88367-90-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[[(4-chlorophenyl)amino]carbonyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

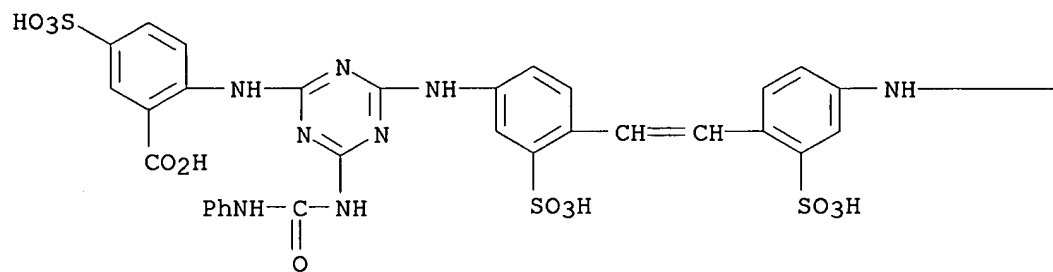


●4 Na



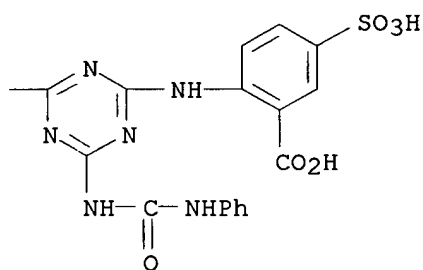
L4 ANSWER 46 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1983:577485 CAPLUS
 DN 99:177485
 TI Thin layer chromatography of some modern optical whitening agents
 AU Desai, K. R.; Vashi, D. M.
 CS Dep. Chem., South Gujarat Univ., Surat, 395 007, India
 SO Journal of the Institution of Chemists (India) (1983), 55(3), 111-12
 CODEN: JOICA7; ISSN: 0020-3254
 DT Journal
 LA English
 IT 87570-78-3 87570-79-4 87570-80-7
 87570-81-8 87570-82-9 87570-83-0
 87570-84-1 87570-85-2 87570-86-3
 87588-72-5
 RL: ANT (Analyte); ANST (Analytical study)
 (thin-layer chromatog. of)
 RN 87570-78-3 CAPLUS
 CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-
 [(phenylamino)carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-
 , tetrasodium salt (9CI) (CA INDEX NAME)

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●4 Na

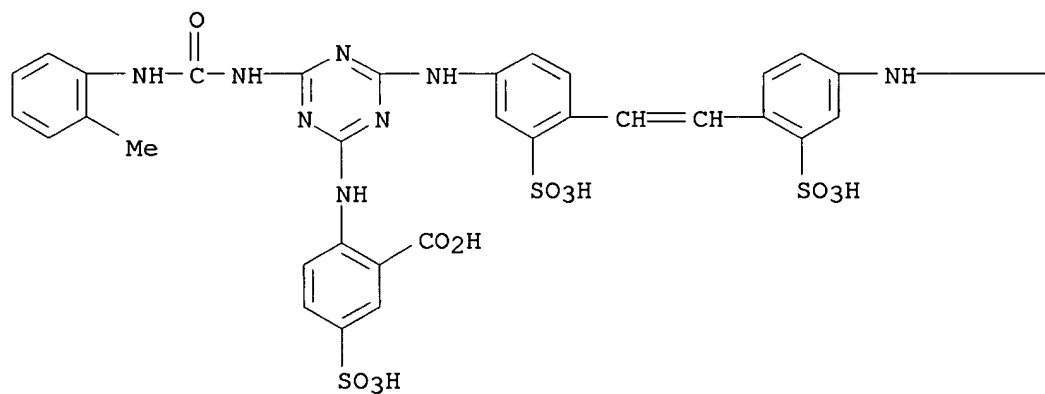
PAGE 1-B



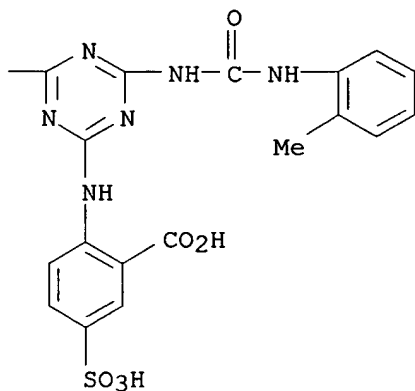
RN 87570-79-4 CAPLUS

CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(2-methylphenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

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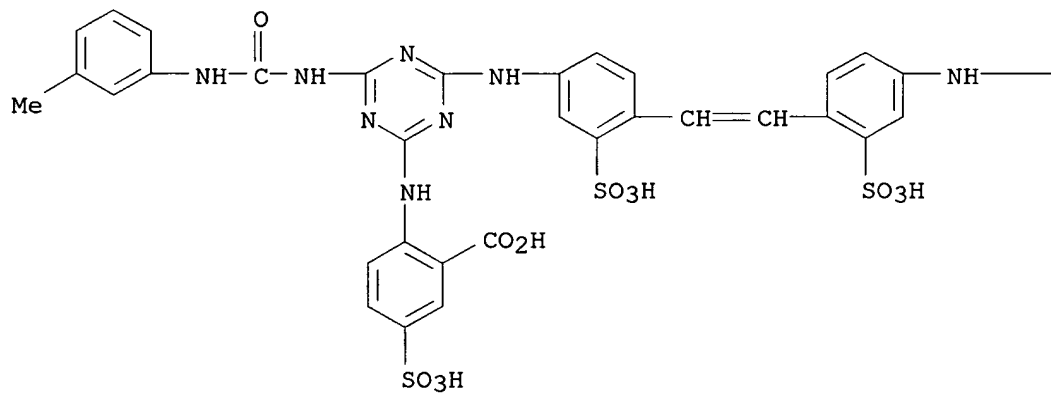


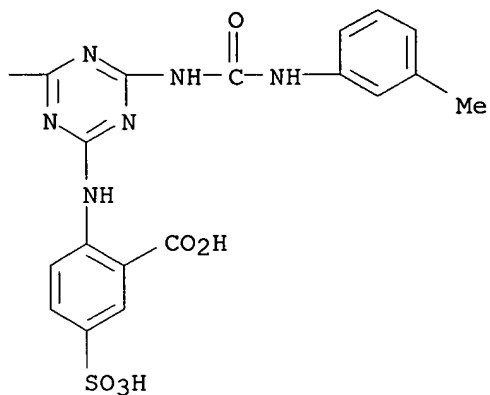
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RN 87570-80-7 CAPLUS

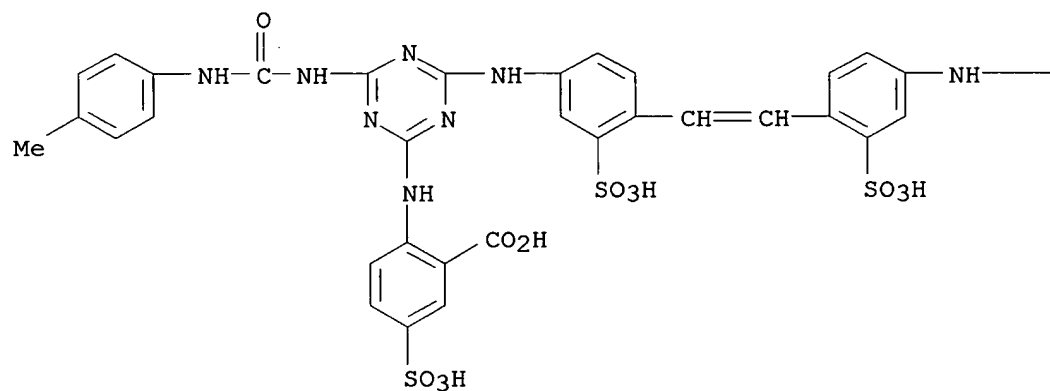
CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(3-methylphenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

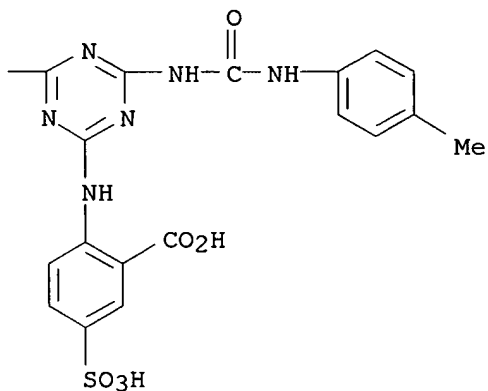




RN 87570-81-8 CAPLUS

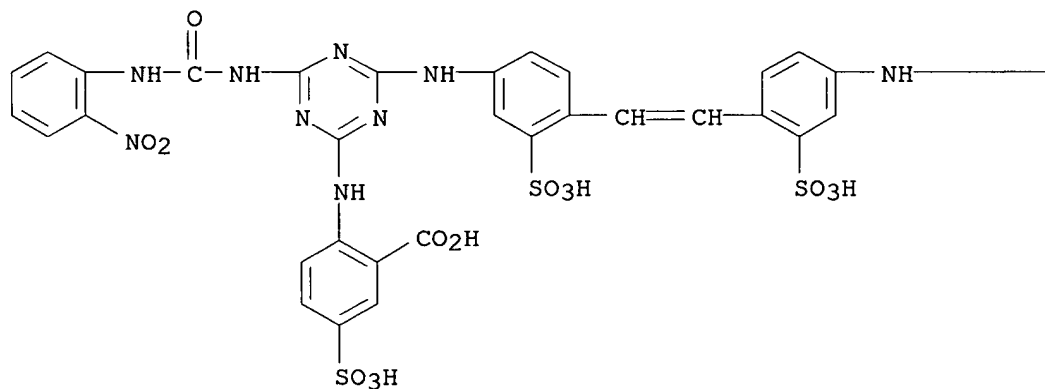
CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(4-methylphenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

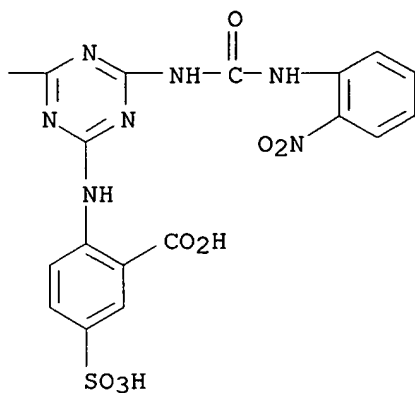




RN 87570-82-9 CAPLUS

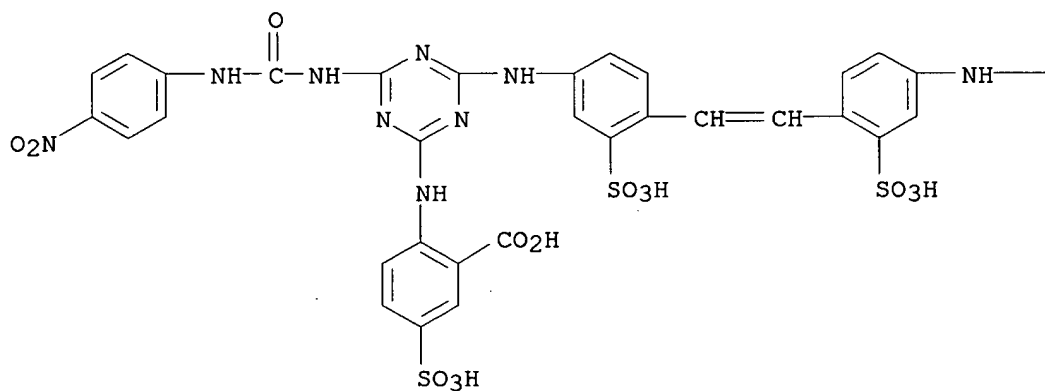
CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(2-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

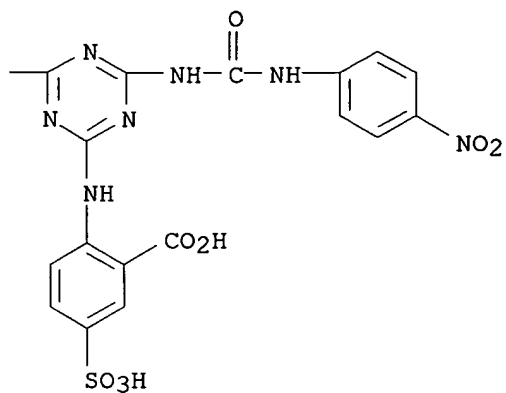




RN 87570-83-0 CAPLUS

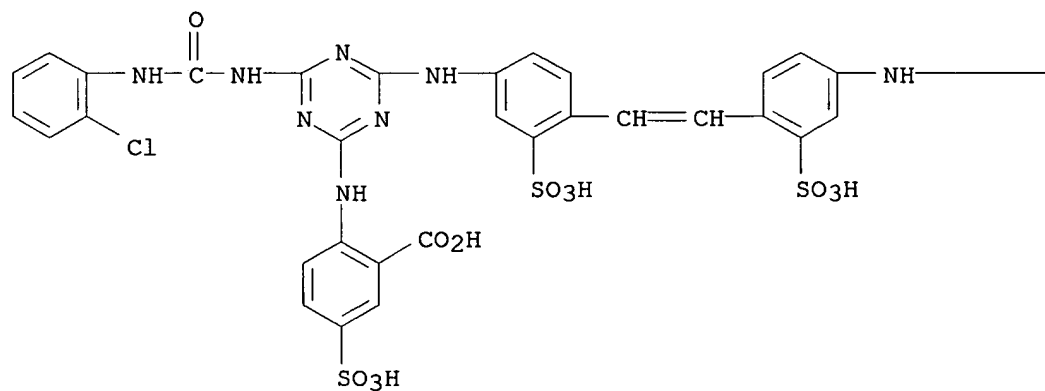
CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(4-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

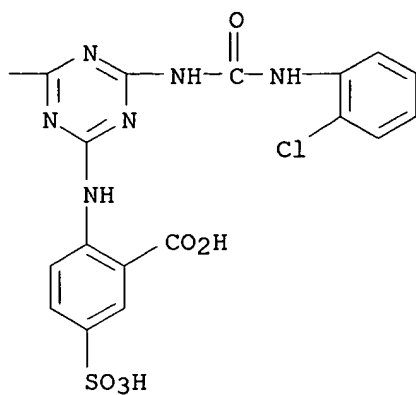




RN 87570-84-1 CAPLUS

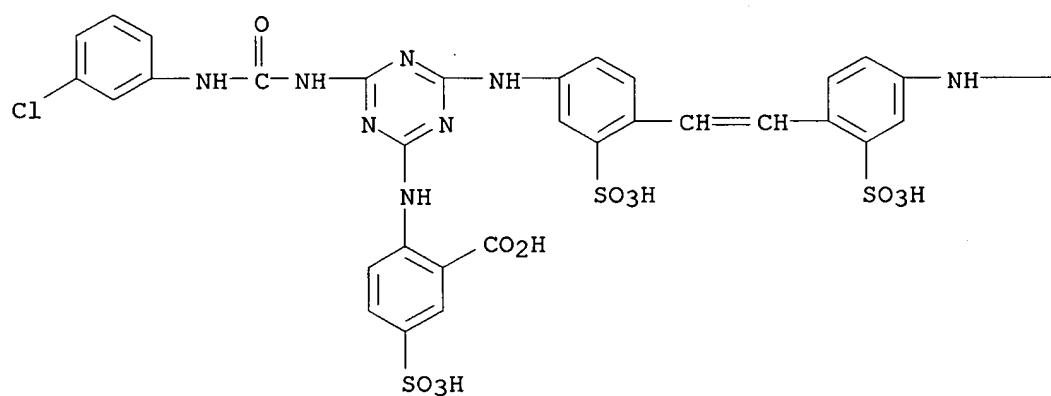
CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(2-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

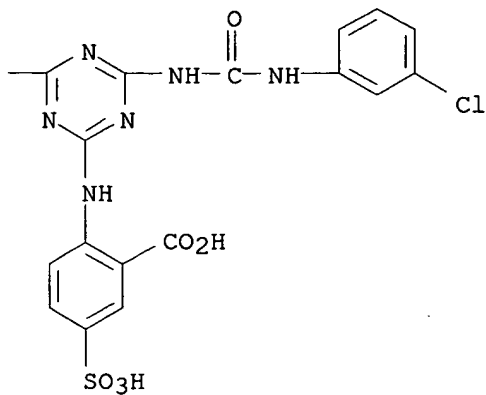




RN 87570-85-2 CAPLUS

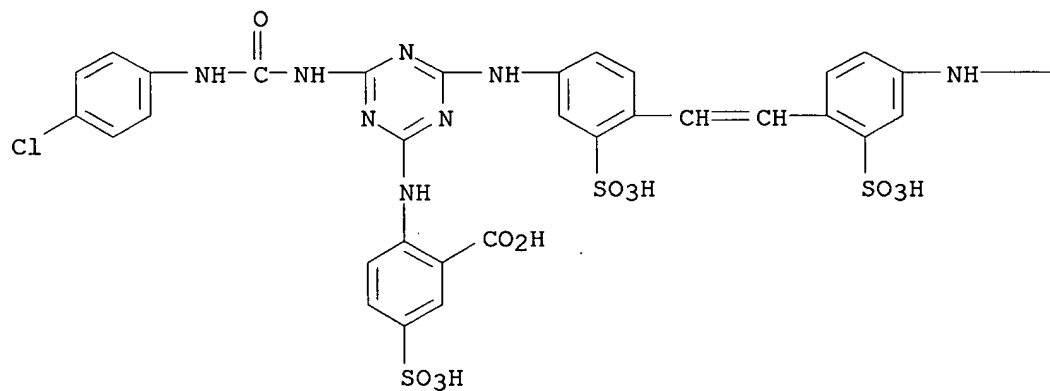
CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(3-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

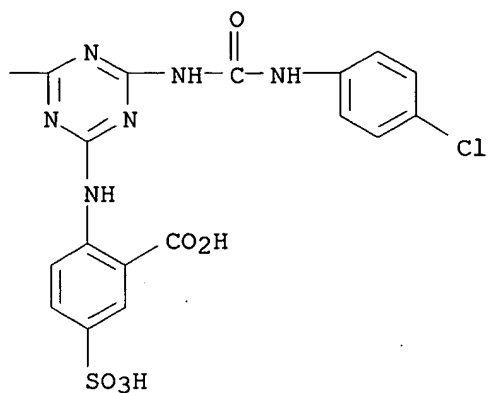




RN 87570-86-3 CAPLUS

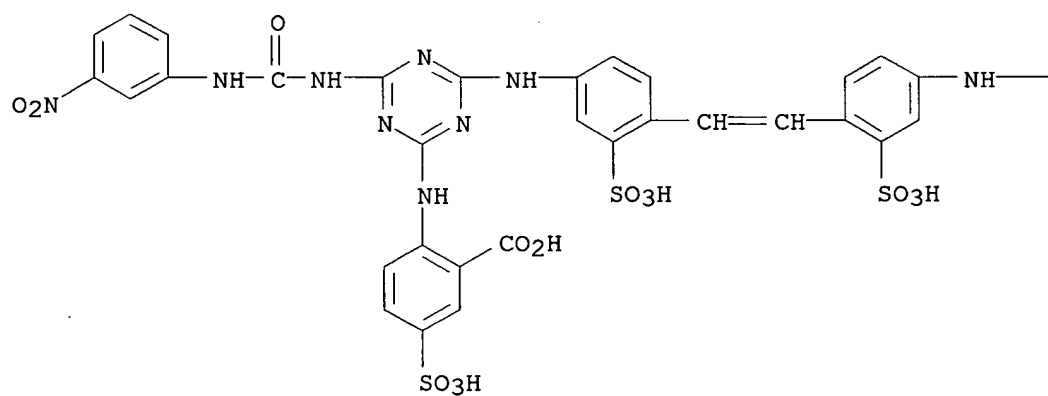
CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(4-chlorophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)

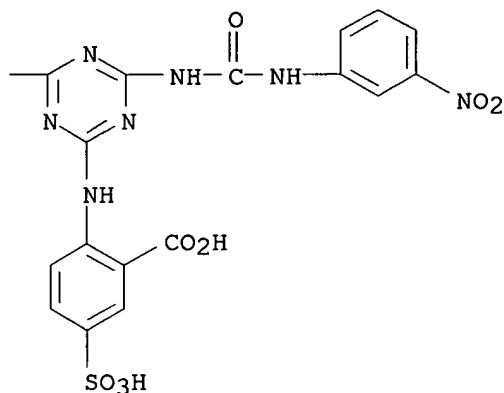




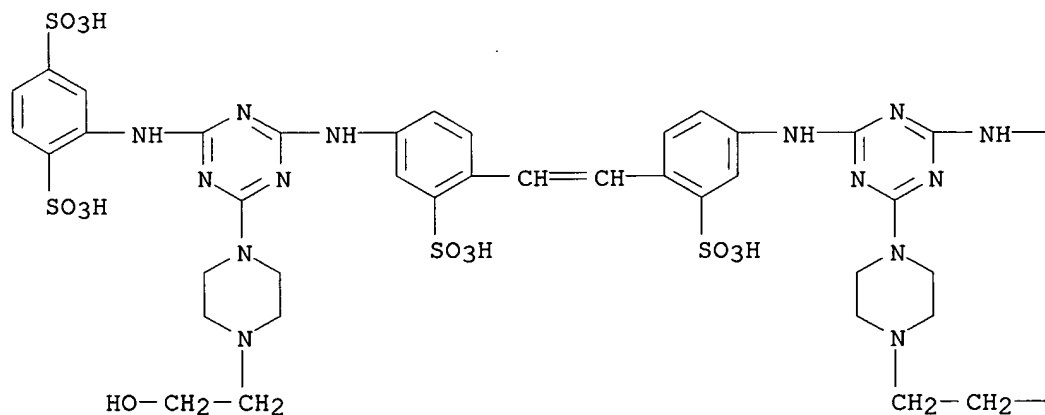
RN 87588-72-5 CAPLUS

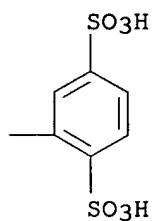
CN Benzoic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[[(3-nitrophenyl)amino]carbonyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-, tetrasodium salt (9CI) (CA INDEX NAME)





L4 ANSWER 47 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1981:67268 CAPLUS
 DN 94:67268
 TI Studies on the synthesis and evaluation of optical brighteners,
 derivatives of sym-triazinyldiaminostilbene and 2,5-disulfoaniline
 AU Bankowski, Leszek; Higersberger, Ewa; Rzeszowski, Jerzy
 CS Inst. Przem. Org., Warsaw, Pol.
 SO Przemysl Chemiczny (1980), 59(9), 489-91
 CODEN: PRCHAB; ISSN: 0033-2496
 DT Journal
 LA Polish
 IT **76508-01-5P 76508-04-8P 76508-05-9P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as fluorescent brighteners for cellulosic fibers)
 RN 76508-01-5 CAPLUS
 CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-
 phenylene)imino[6-[4-(2-hydroxyethyl)-1-piperazinyl]-1,3,5-triazine-4,2-
 diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)

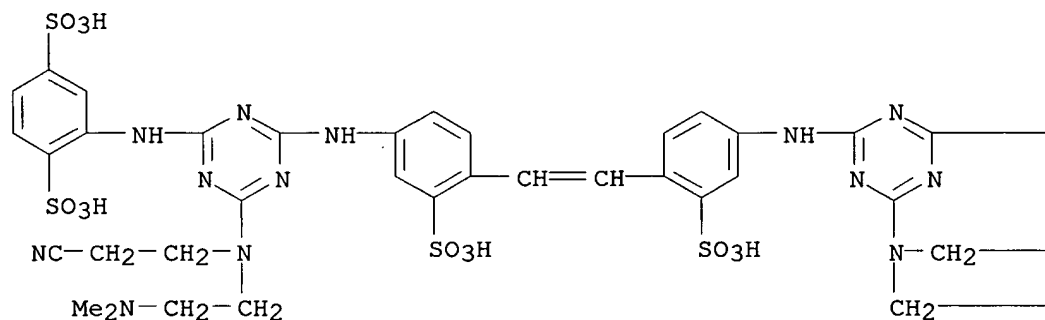


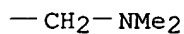
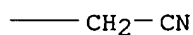
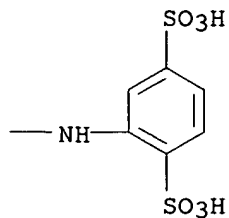


— OH

RN 76508-04-8 CAPLUS

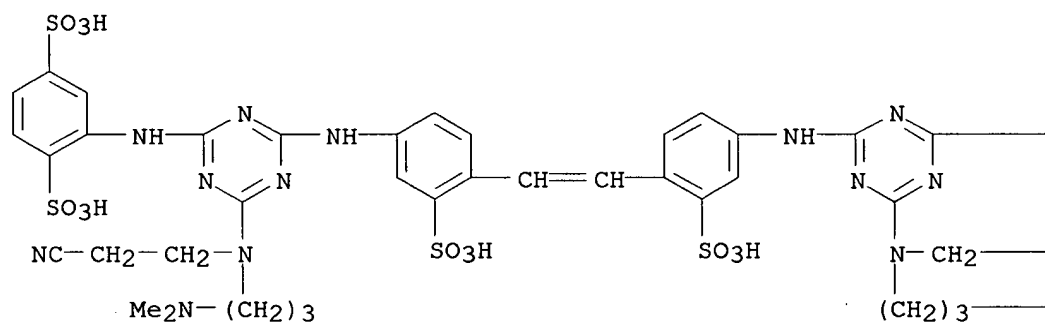
CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(2-cyanoethyl)[2-(dimethylamino)ethyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)



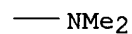
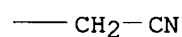
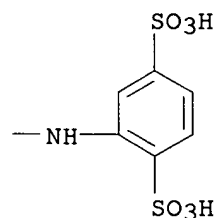


RN 76508-05-9 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(2-cyanoethyl)[3-(dimethylamino)propyl]imino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)



● 6 Na



10/508,444

AN 1980:606520 CAPLUS

DN 93:206520

TI Colorless fluorescent whiteners from bis(triazinylamino)stilbenedisulfonic acid compounds

IN Uhl, Klaus; Frischkorn, Hans; Martini, Thomas

PA Hoechst A.-G., Fed. Rep. Ger.

SO Ger. Offen., 13 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2902975	A1	19800807	DE 1979-2902975	19790126
	EP 13981	A1	19800806	EP 1980-100346	19800123
	R: CH, DE, FR, GB, IT				
	US 4271036	A	19810602	US 1980-114665	19800123
	JP 55099963	A2	19800730	JP 1980-7003	19800125
PRAI	DE 1979-2902975	A	19790126		

IT 75544-51-3

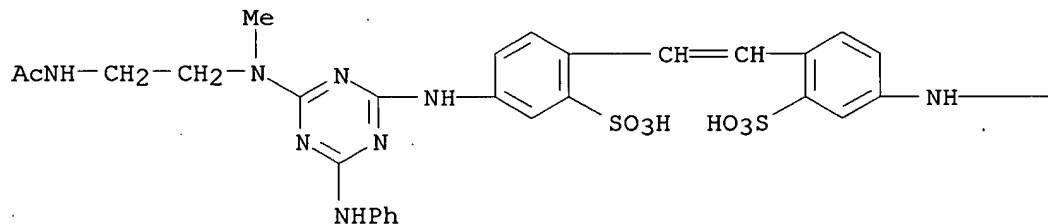
RL: USES (Uses)

(fluorescent brighteners, decolorization of, by heating with alkoxylates)

RN 75544-51-3 CAPLUS

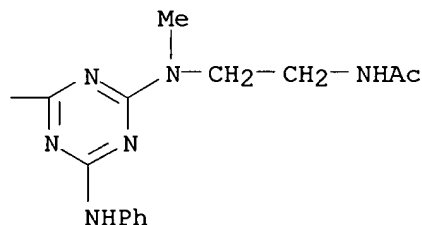
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(acetylamino)ethyl]methylamino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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L4 ANSWER 49 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1980:515942 CAPLUS

DN 93:115942

TI Color-stable fluorescent whitener for washing composition

10/508,444

IN Martini, Thomas; Mengler, Helmut; Hohlfeld, Guenther; Hohlfeld, Guenther
PA Hoechst A.-G., Fed. Rep. Ger.
SO Ger. Offen., 14 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2850382	A1	19800604	DE 1978-2850382	19781121
	US 4263176	A	19810421	US 1979-94830	19791116
	JP 55073794	A2	19800603	JP 1979-149618	19791120
	GB 2036821	A	19800702	GB 1979-40054	19791120
	FR 2442267	A1	19800620	FR 1979-28701	19791121
	FR 2442267	B1	19811016		
PRAI	DE 1978-2850382	A	19781121		
IT	56125-21-4 56125-26-9 74723-97-0				
	74723-98-1 74724-00-8 74724-01-9				
	74724-02-0				

RL: USES (Uses)

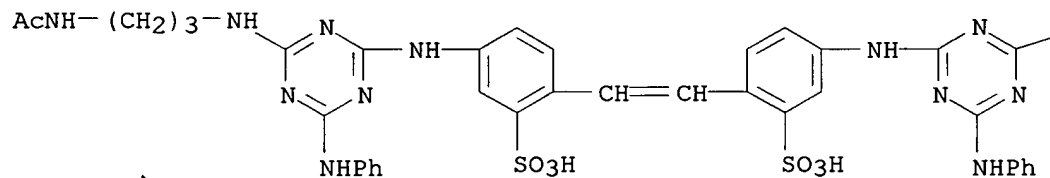
(fluorescent brightener mixture containing, for prevention of greening during

contact with alkanesulfonate)

RN 56125-21-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

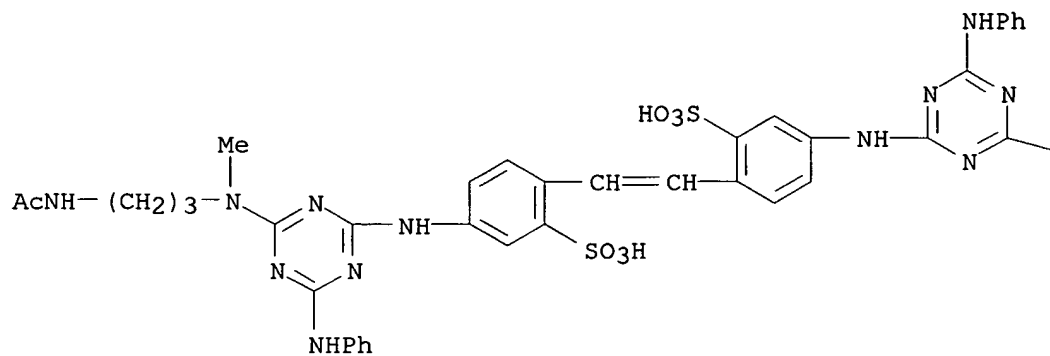
PAGE 1-B

—NH—(CH2)3—NHAc

RN 56125-26-9 CAPLUS

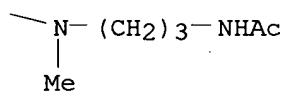
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]methylanino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

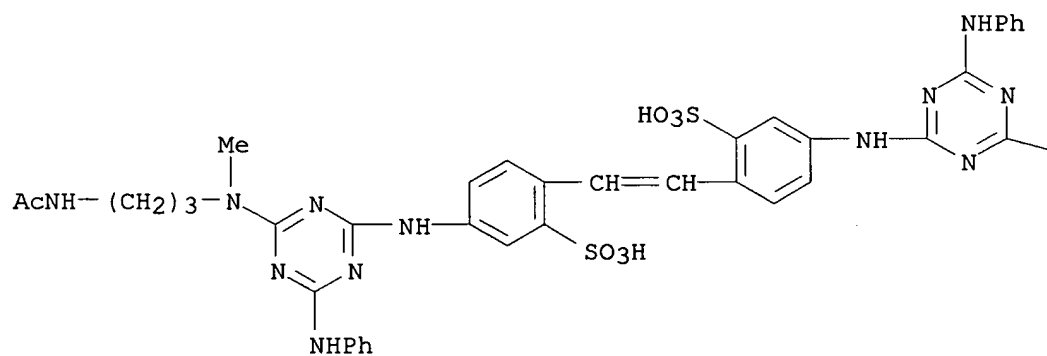
PAGE 1-B

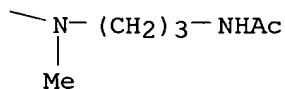


RN 74723-97-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]methylamino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-
(9CI) (CA INDEX NAME)

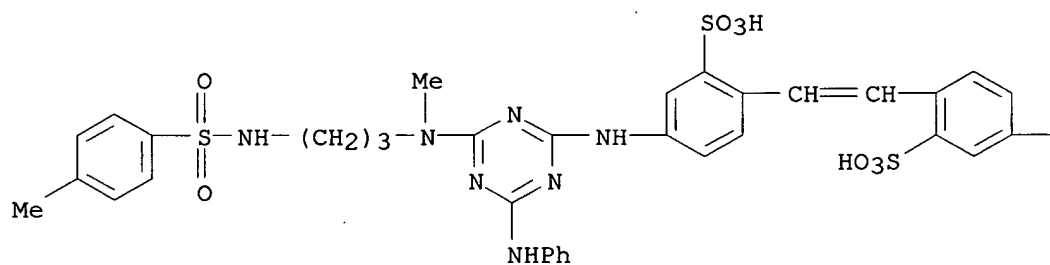
PAGE 1-A



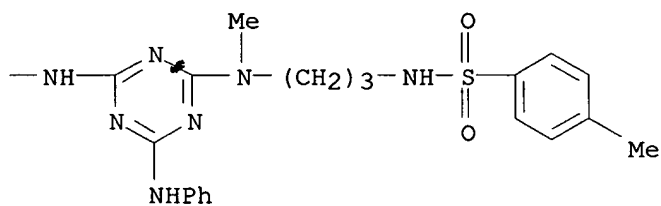


RN 74723-98-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[methyl[3-[[4-methylphenyl)sulfonyl]amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



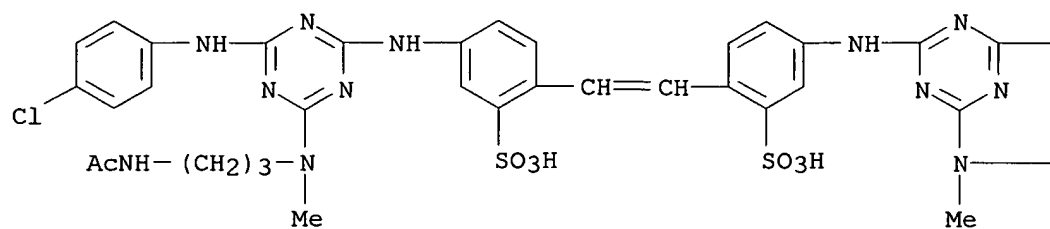
● 2 Na



RN 74724-00-8 CAPLUS

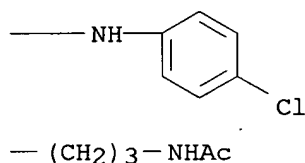
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[3-(acetamido)propyl]methylamino]-6-(4-chlorophenyl)amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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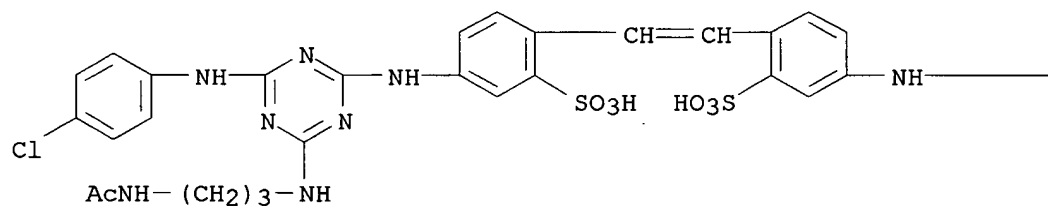
●2 Na

PAGE 1-B



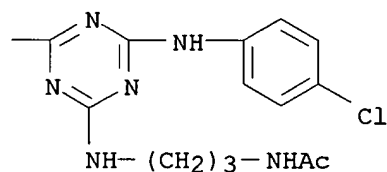
RN 74724-01-9 CAPLUS
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-[(4-chlorophenyl)amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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●₂ Na

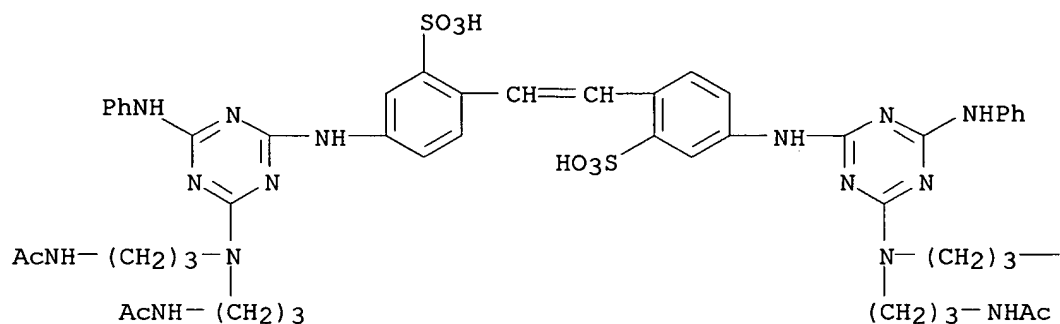
PAGE 1-B



RN 74724-02-0 CAPLUS
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis[3-

(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-,
disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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—NHAc

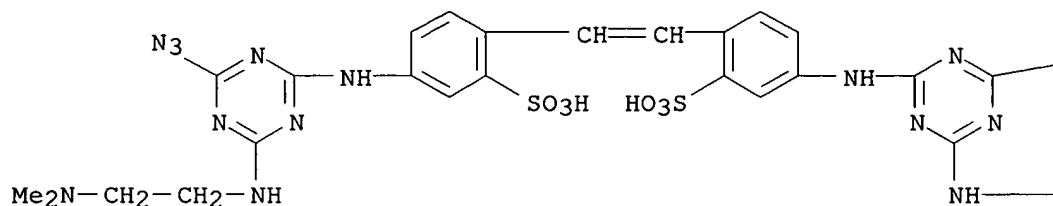
L4 ANSWER 50 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1979:524889 CAPLUS
DN 91:124889
TI Azido group-containing bistriazinylaminostilbenes
IN Suzuki, Kazuaki
PA Showa Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 54024885	A2	19790224	JP 1977-89206	19770727
	JP 59045016	B4	19841102		
PRAI	JP 1977-89206	A	19770727		
IT	71256-33-2P 71256-34-3P 71256-35-4P				
	71256-36-5P				
	RL: PREP (Preparation)				
	(manufacture of, for use as fluorescent brightener)				
RN	71256-33-2	CAPLUS			

10/508,444

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[2-(dimethylamino)ethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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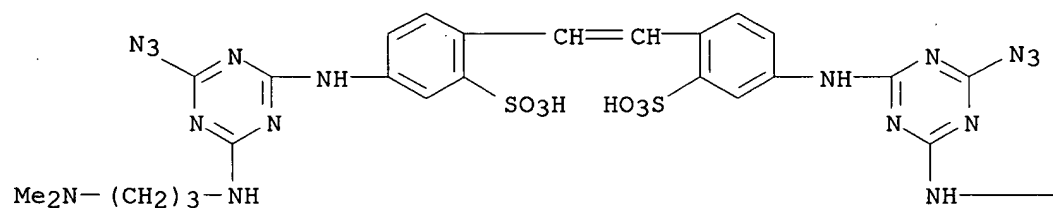
— N3

— CH2—CH2—NMe2

RN 71256-34-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[3-(dimethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

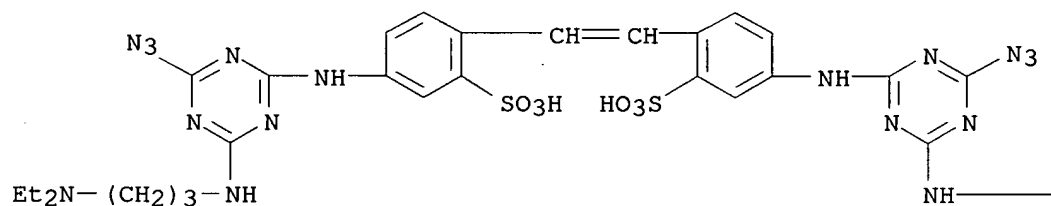
PAGE 1-B

— (CH₂)₃—NMe₂

RN 71256-35-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



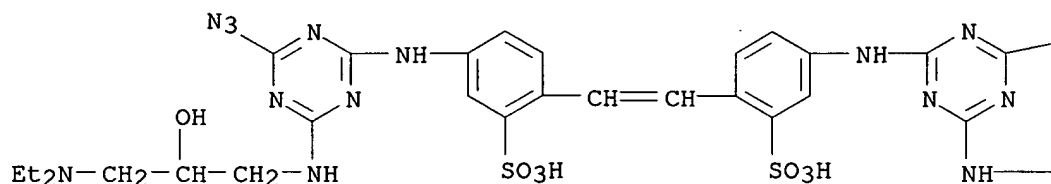
● 2 Na

PAGE 1-B

— (CH₂)₃—NEt₂

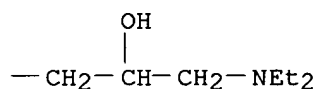
RN 71256-36-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-azido-6-[[3-(diethylamino)-2-hydroxypropyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



● 2 Na

— N3



L4 ANSWER 51 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1979:458707 CAPLUS
 DN 91:58707
 TI Bis(triazinylamino)stilbenedisulfonic acid derivatives
 IN Mengler, Helmut; Schinzel, Erich; Roesch, Guenter
 PA Hoechst A.-G., Fed. Rep. Ger.
 SO Patentschrift (Switz.), 12 pp. Division of Swiss 603,878.
 CODEN: SWXXAS
 DT Patent
 LA German
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CH 610312	A	19790412	CH 1977-2490	19730921
	CH 7313558	A4	19770831	CH 1973-13558	19730921
	CH 603878	B	19780831		
	CH 603606	A	19780831	CH 1977-13451	19730921
	NL 7412250	A	19750325	NL 1974-12250	19740916
	US 3951965	A	19760420	US 1974-506985	19740918
	DD 114842	C	19750820	DD 1974-181207	19740919
	IT 1022132	A	19780320	IT 1974-27491	19740919
	JP 50059420	A2	19750522	JP 1974-107863	19740920
	BR 7407858	A0	19750729	BR 1974-7858	19740920
	CA 1044233	A1	19781212	CA 1974-209718	19740920
	FR 2244765	A1	19750418	FR 1974-31960	19740923
	FR 2244765	B1	19781124		
	GB 1489595	A	19771019	GB 1974-41388	19740923
PRAI	CH 1973-13558	A	19730921		
	CH 1977-2490	A	19730921		

IT 56125-47-4P

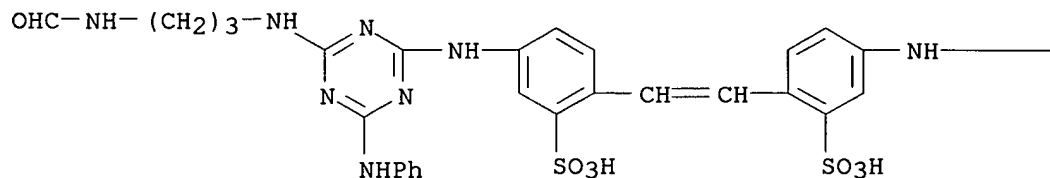
RL: IMF (Industrial manufacture); PREP (Preparation)
 (fluorescent brightener, preparation and spectral properties of)

RN 56125-47-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-

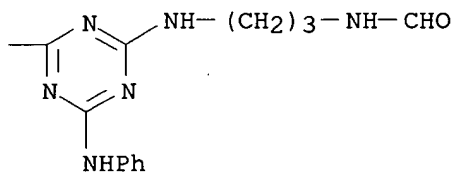
(formylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-,
disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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IT 56125-09-8 56125-10-1 56125-11-2
56125-12-3 56125-15-6 56125-16-7
56125-17-8 56125-18-9 56125-21-4
56125-22-5 56125-26-9 56125-27-0
56125-29-2 56125-30-5 56125-31-6
56125-32-7 56125-33-8 56125-34-9
56125-35-0 56125-36-1 56125-38-3
56125-44-1 56125-45-2 56125-46-3
56190-24-0 56190-25-1 56190-26-2
56190-28-4 57038-69-4 70862-31-6
70862-32-7

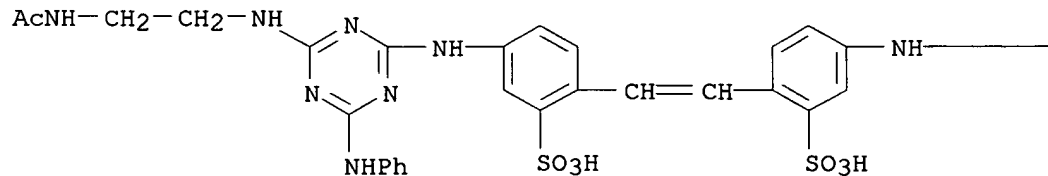
RL: USES (Uses)

(fluorescent brightener, spectral properties of)

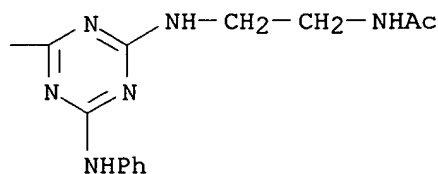
RN 56125-09-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(phenylamino)-1,3,5-triazin-2-yl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-yl]amino]-2,2'-disulfonic acid (9CI)
(CA INDEX NAME)

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RN 56125-10-1 CAPLUS

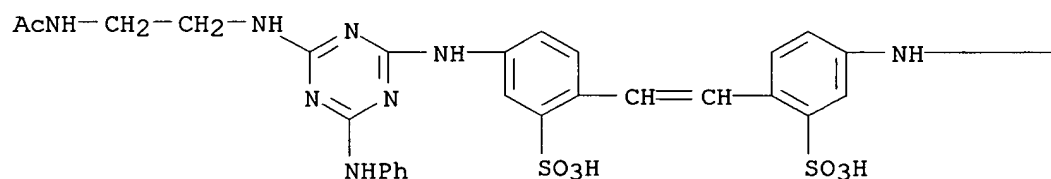
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(phenylamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, compd. with 2,2',2''-nitrilotris[ethanol] (1:2) (9CI) (CA INDEX NAME)

CM 1

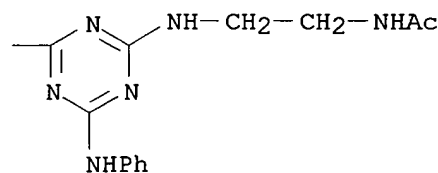
CRN 56125-09-8

CMF C40 H42 N14 O8 S2

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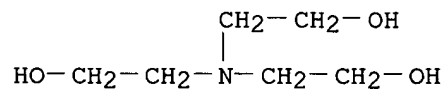
PAGE 1-B



CM 2

CRN 102-71-6

CMF C6 H15 N O3



RN 56125-11-2 CAPLUS

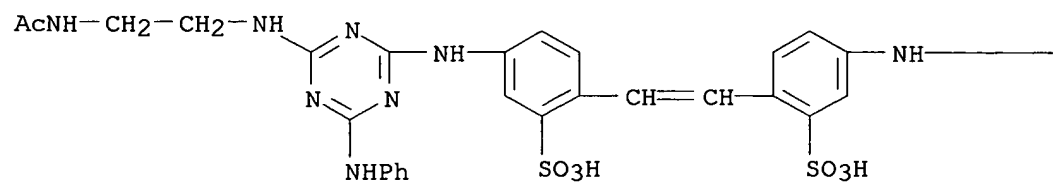
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(phenylamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, compd. with N,N-diethylethanamine (1:2) (9CI) (CA INDEX NAME)

CM 1

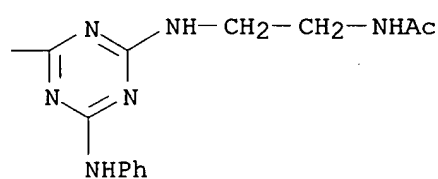
10/508,444

CRN 56125-09-8
CMF C40 H42 N14 O8 S2

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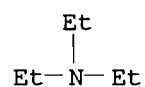


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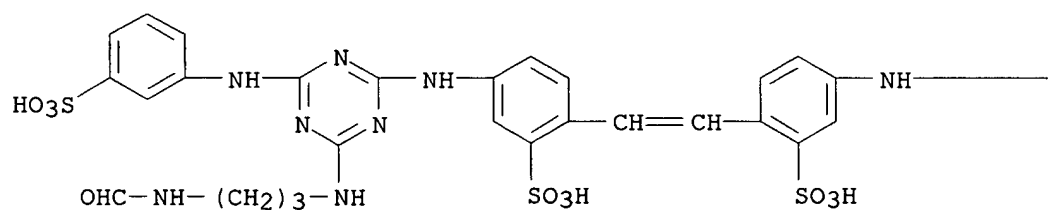
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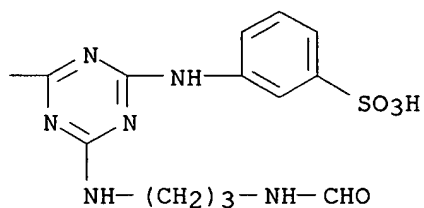
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RN 56125-12-3 CAPLUS
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(formylamino)propyl]amino]-6-[(3-sulfohenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

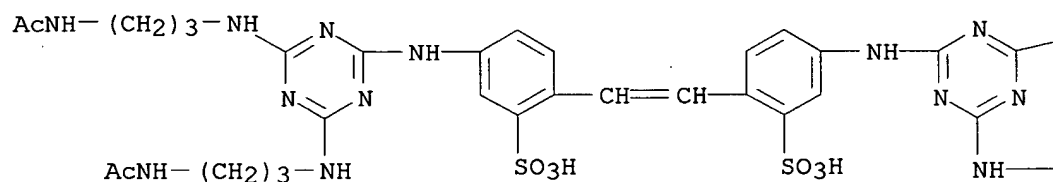
PAGE 1-A



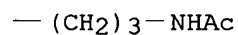
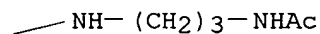


RN 56125-15-6 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4,6-bis[[3-(acetamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI)
(CA INDEX NAME)



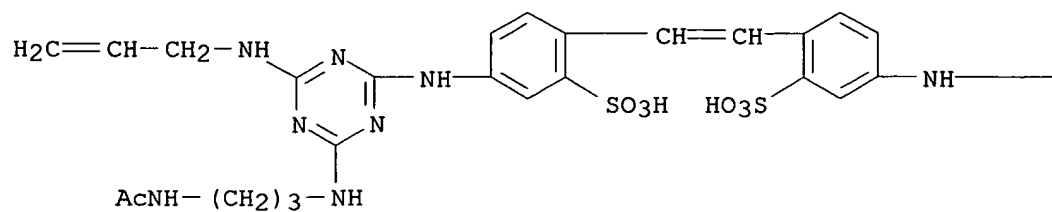
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RN 56125-16-7 CAPLUS

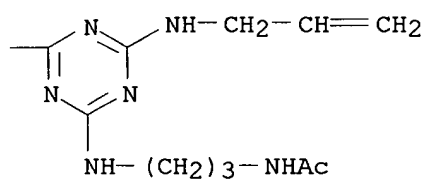
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetamino)propyl]amino]-6-(2-propenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

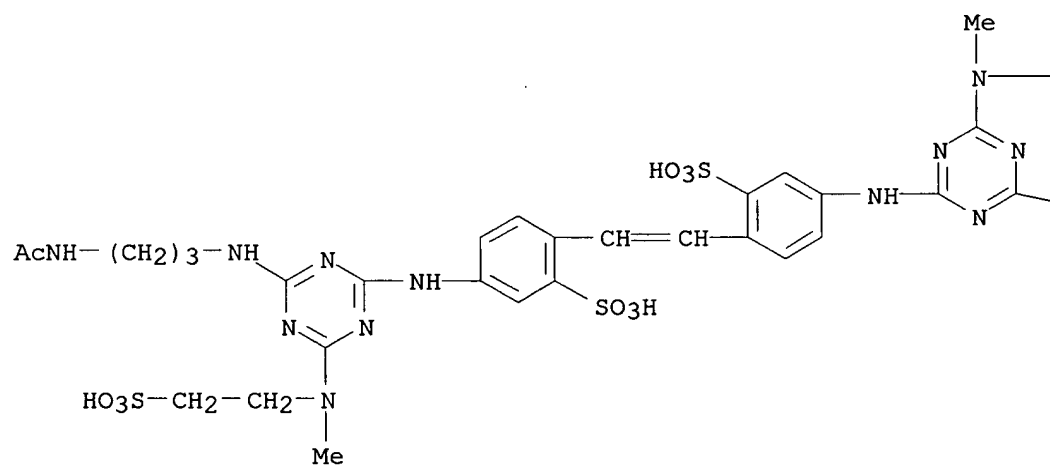
PAGE 1-B



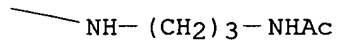
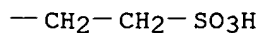
RN 56125-17-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

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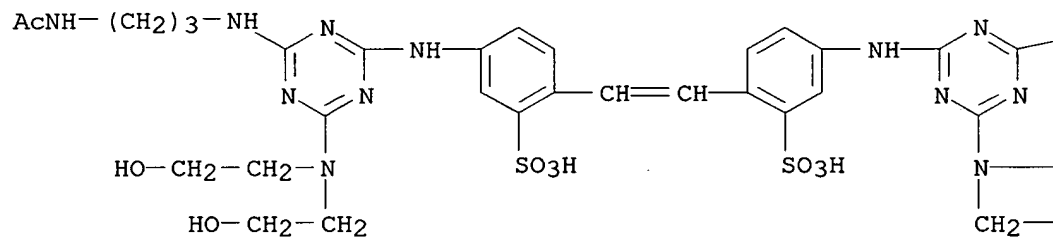


● 4 Na

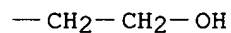
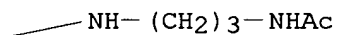


RN 56125-18-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-[bis(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



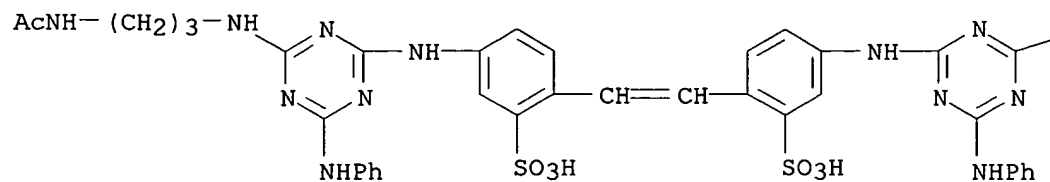
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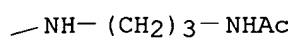
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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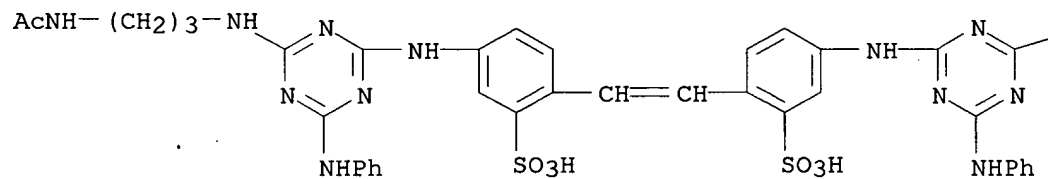


RN 56125-22-5 CAPLUS

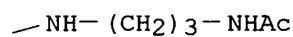
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-

(9CI) (CA INDEX NAME)

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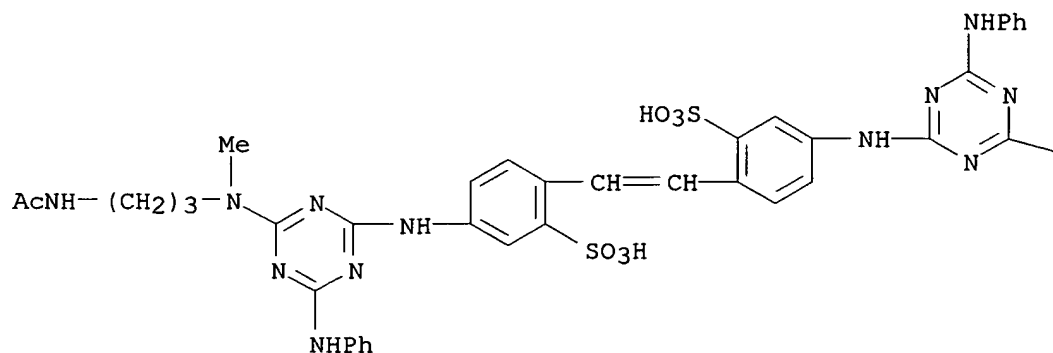


RN 56125-26-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]methyamino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-

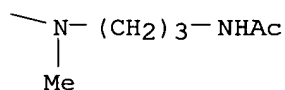
, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

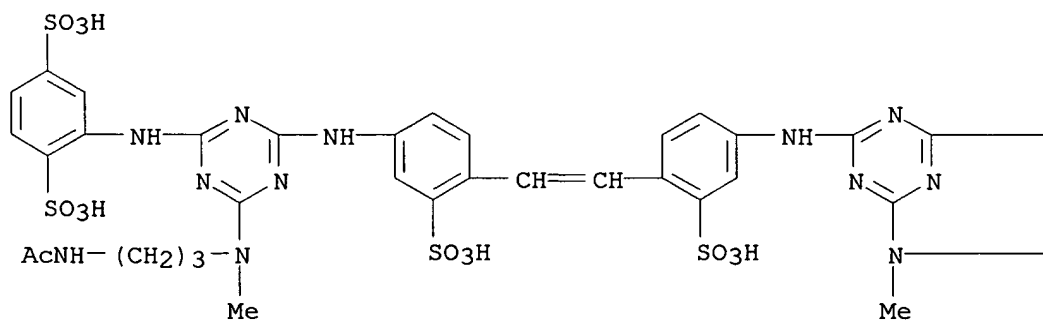
PAGE 1-B



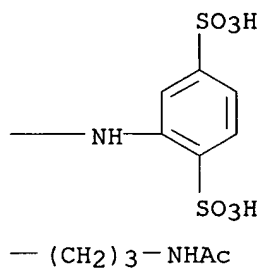
RN 56125-27-0 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[3-(acetylamino)propyl]methylamino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)

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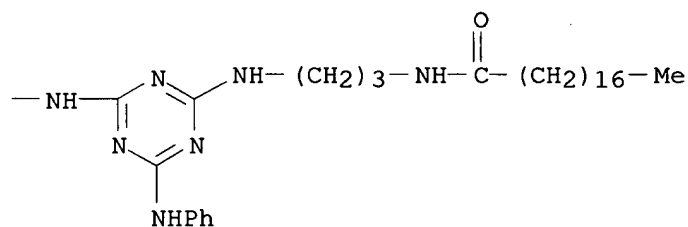
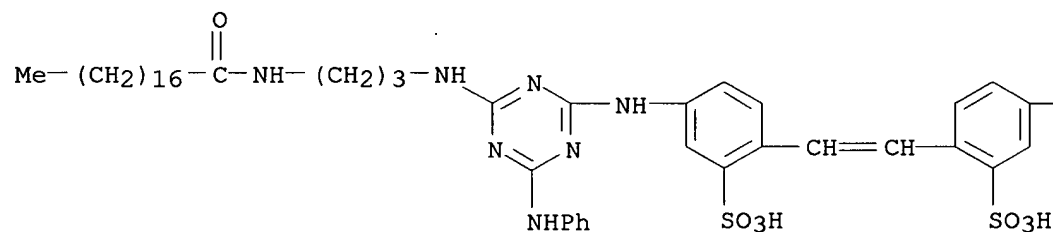


● 6 Na



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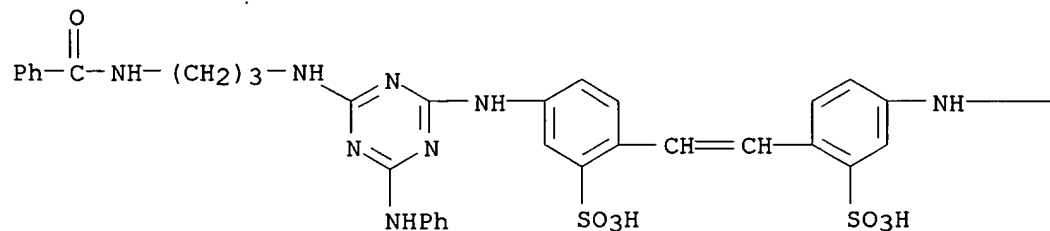
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[(1-oxooctadecyl)amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



RN 56125-30-5 CAPLUS

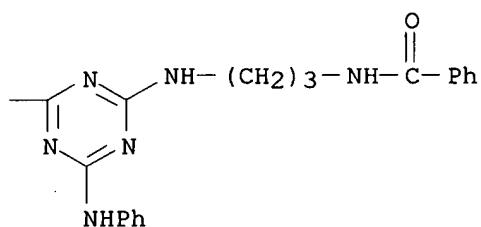
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(benzoylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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●2 Na

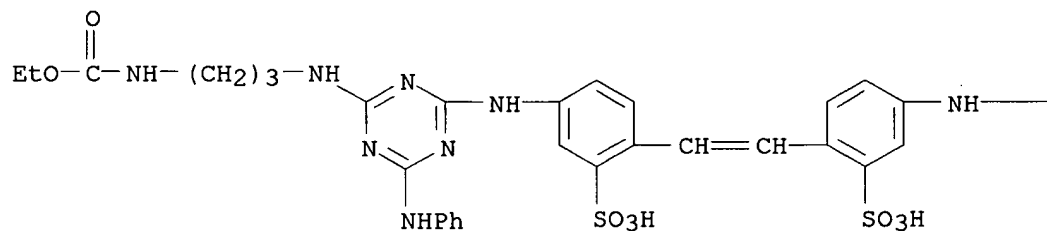
PAGE 1-B



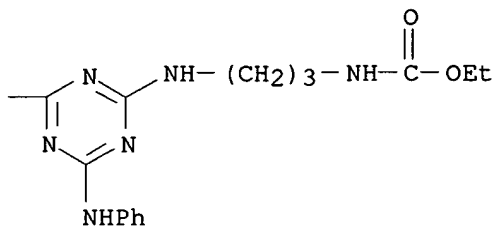
RN 56125-31-6 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[(ethoxycarbonyl)amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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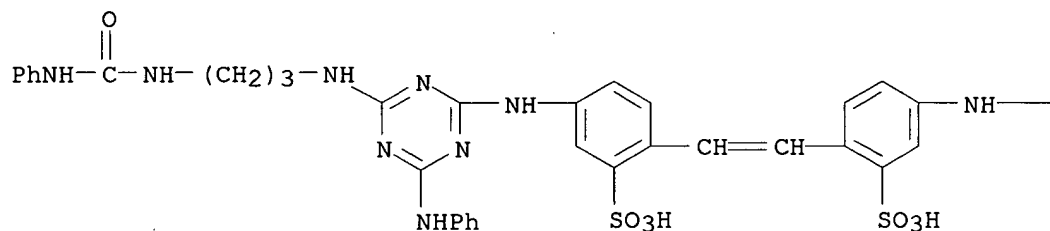


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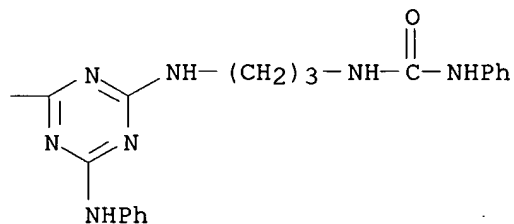


RN 56125-32-7 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-(phenylamino)-6-[[3-[[(phenylamino) carbonyl] amino] propyl] amino]-1,3,5-triazin-2-yl] amino]-, disodium salt (9CI) (CA INDEX NAME)



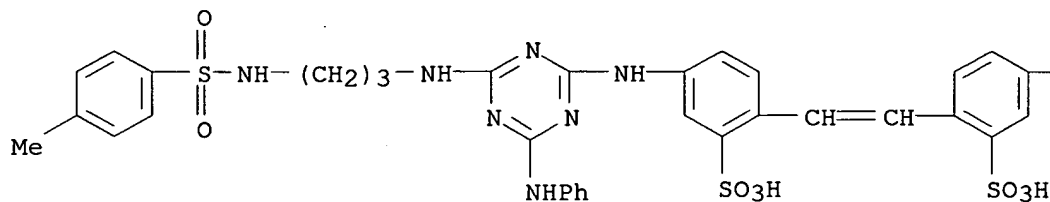
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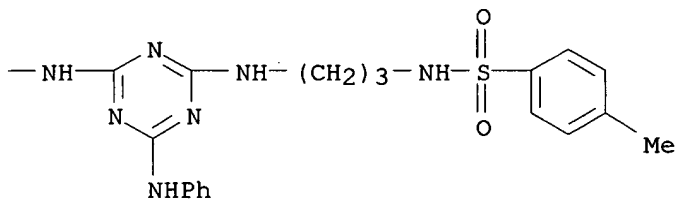
RN 56125-33-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[[(4-methylphenyl) sulfonyl] amino] propyl] amino]-6-(phenylamino)-1,3,5-triazin-2-yl] amino]- (9CI) (CA INDEX NAME)

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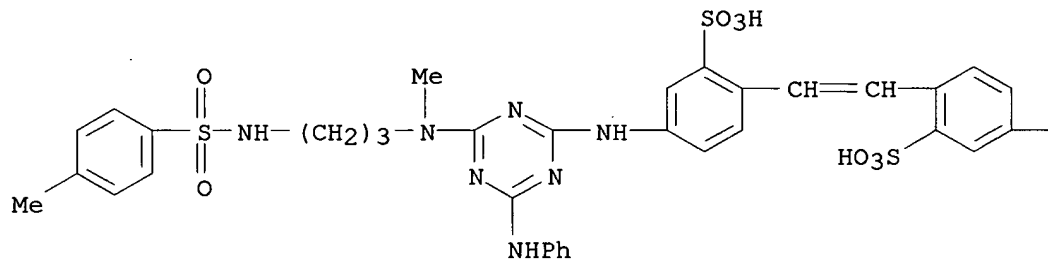
PAGE 1-B



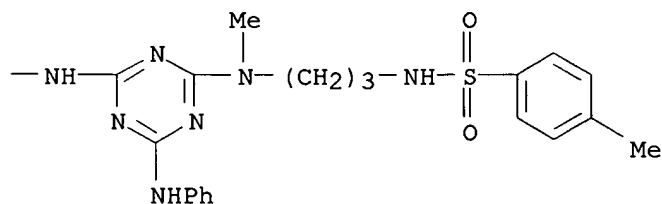
RN 56125-34-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[methyl(3-[[4-methylphenyl)sulfonyl]amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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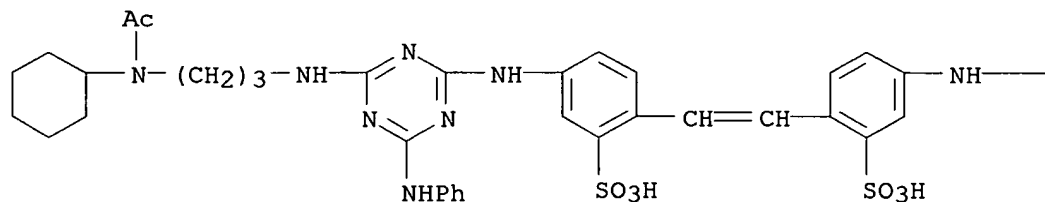
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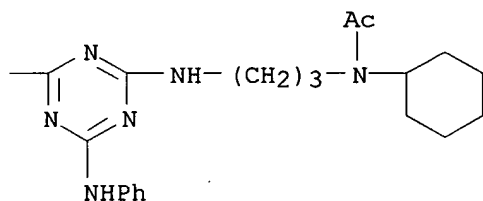
RN 56125-35-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[3-(acetylcyclohexylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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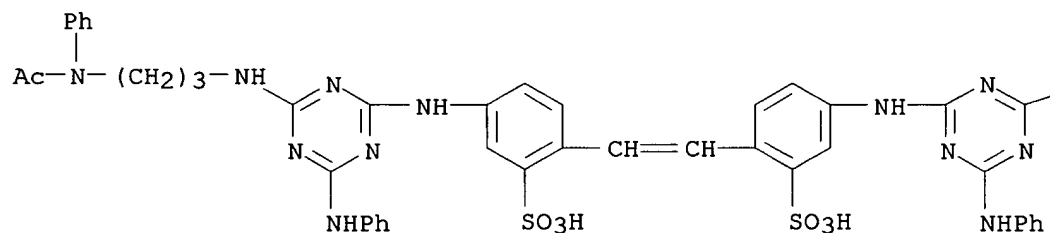
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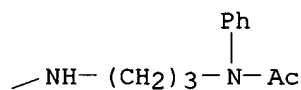
RN 56125-36-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylphenylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)

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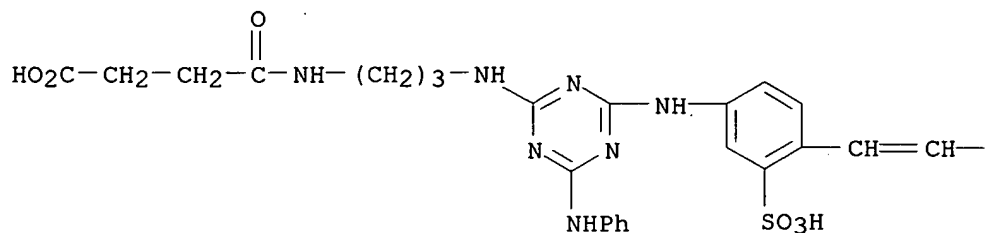
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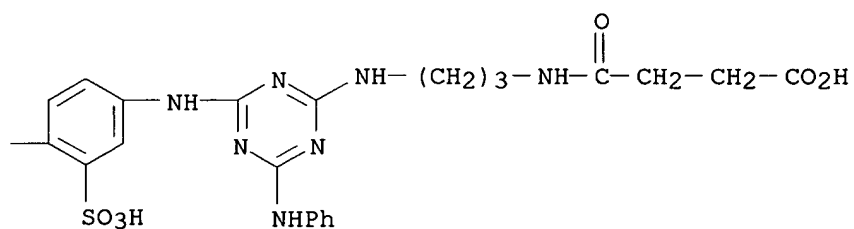
CN Butanoic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino-3,1-propanediylimino]]bis[4-oxo-, tetrasodium salt (9CI) (CA INDEX NAME)

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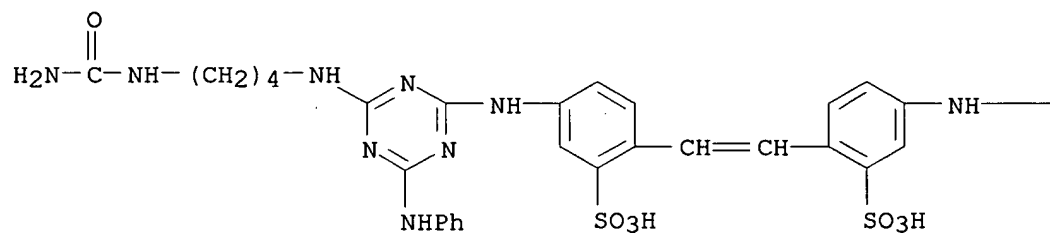
●4 Na

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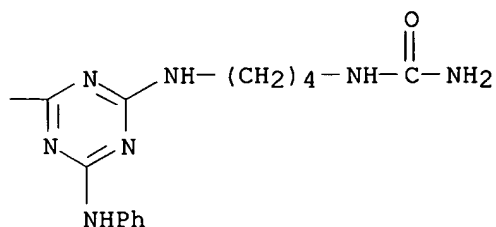
RN 56125-44-1 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[4-
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 yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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●2 Na

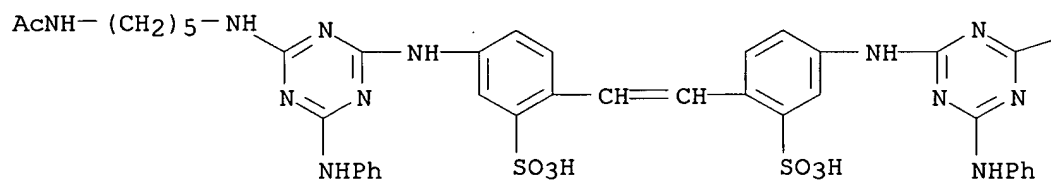
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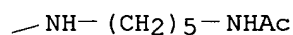
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[5-(acetylamino)pentyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

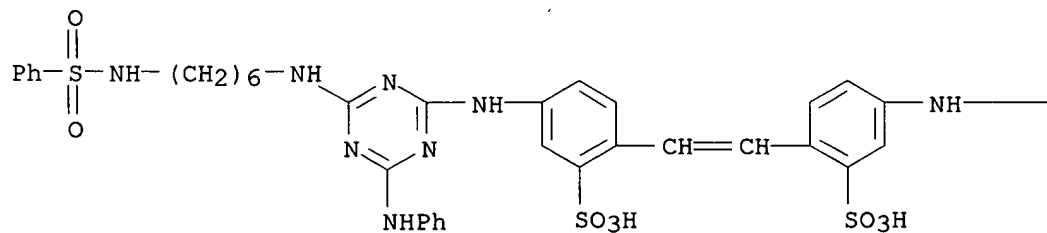
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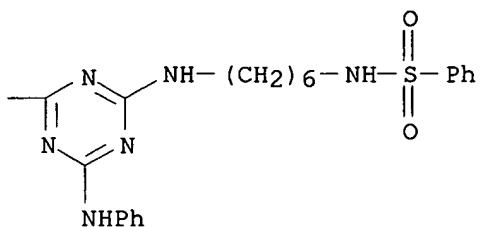
RN 56125-46-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-(phenylamino)-6-[[6-[(phenylsulfonyl)amino]hexyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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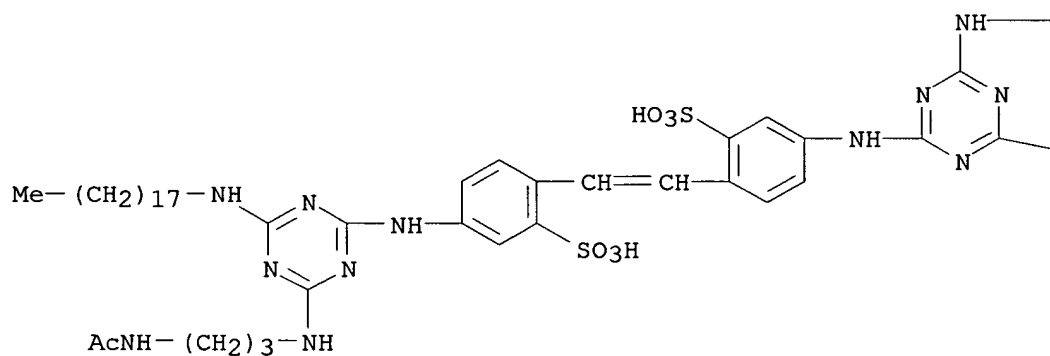


● 2 Na

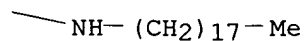
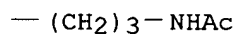


RN 56190-24-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(octadecylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

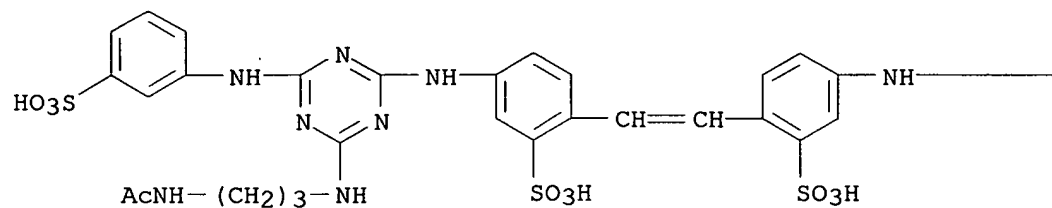


●2 Na

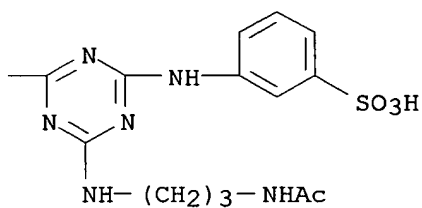


RN 56190-25-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

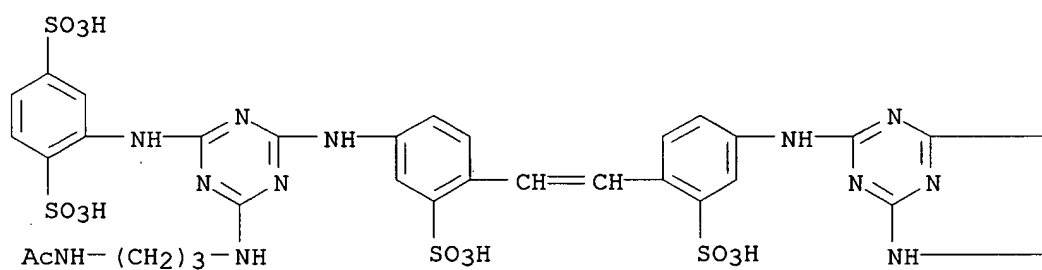


●4 Na



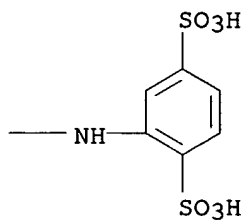
RN 56190-26-2 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[3-(acetamino)propyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)



●6 Na

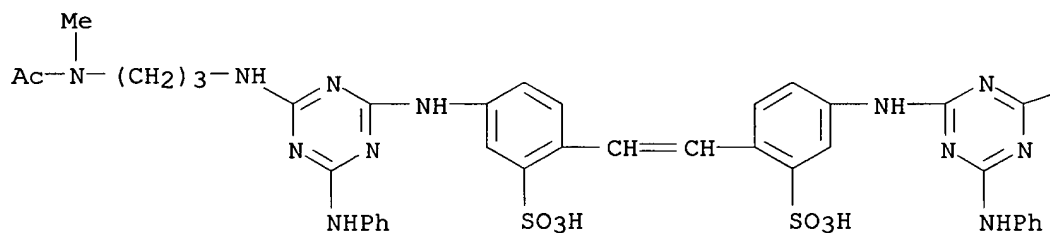
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— (CH₂)₃—NHAc

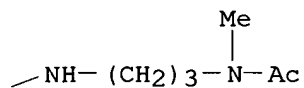
RN 56190-28-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylmethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-
(9CI) (CA INDEX NAME)

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RN 57038-69-4 CAPLUS

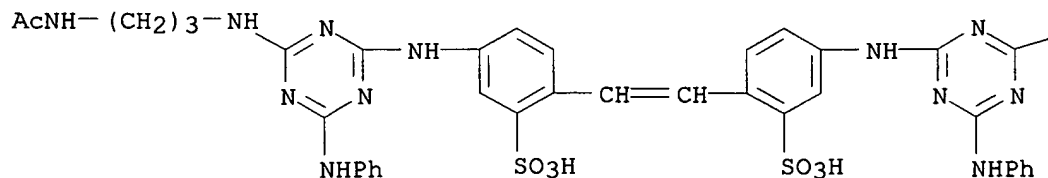
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, compd. with 2,2'-iminobis[ethanol] (1:2) (9CI) (CA INDEX NAME)

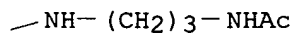
CM 1

CRN 56125-22-5

CMF C42 H46 N14 O8 S2

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CM 2

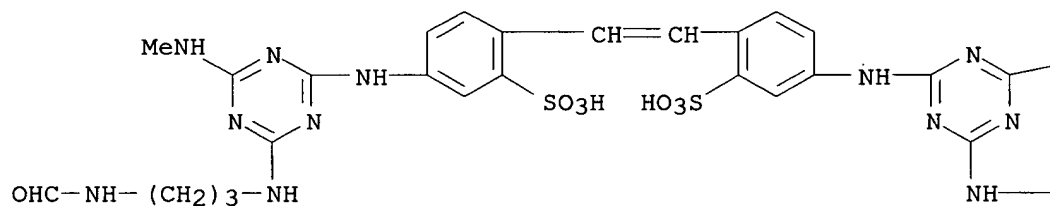
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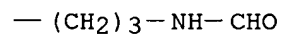
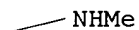


RN 70862-31-6 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(formylamino)propyl]amino]-6-(methylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



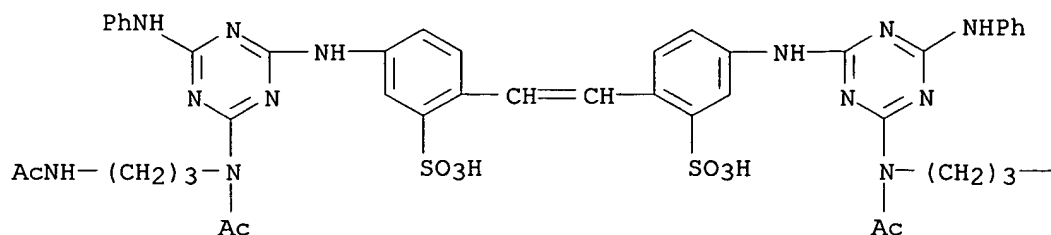
●2 Na



RN 70862-32-7 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[acetyl[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, (9CI) (CA INDEX NAME)

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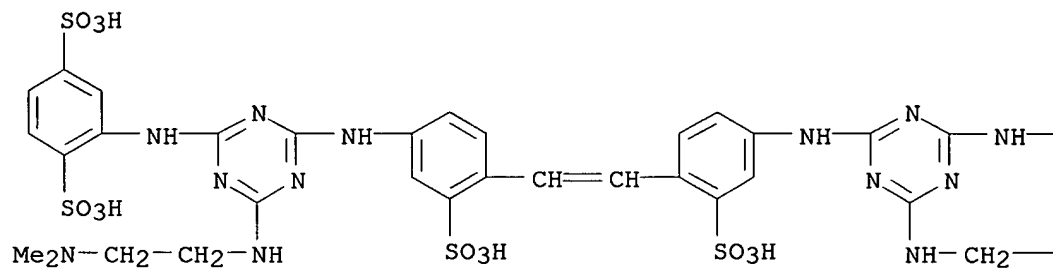
PAGE 1-B

—NHAc

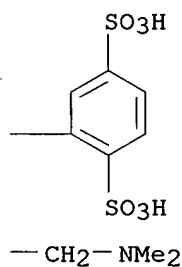
L4 ANSWER 52 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1978:122671 CAPLUS
 DN 88:122671
 TI Sulfonated triazinylaminostilbenes as optical brighteners
 IN Podrezova, T. N.; Chesnovskaya, E. S.; Totskaya, N. V.
 PA USSR
 SO U.S.S.R.
 From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1977, 54(45), 90-1.
 CODEN: URXXAF
 DT Patent
 LA Russian
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 583130	T	19771205	SU 1976-2314005	19760121
PRAI	SU 1976-2314005	A	19760121		

IT **65837-62-9 65837-64-1**
 RL: USES (Uses)
 (fluorescent brighteners, for cotton, wool, and paper)
 RN 65837-62-9 CAPLUS
 CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[2-(dimethylamino)ethyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)

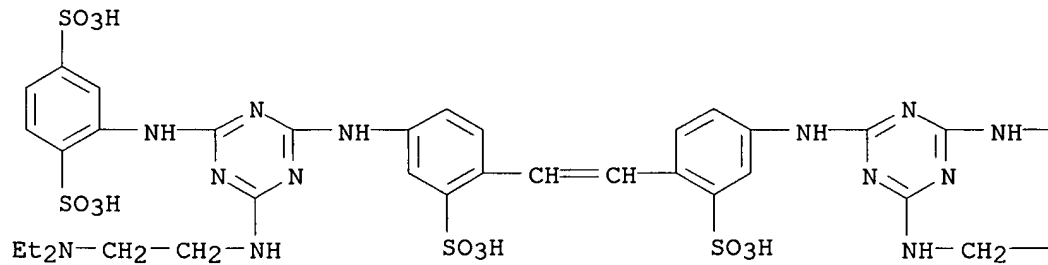


●6 Na

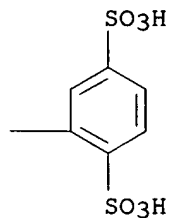


RN 65837-64-1 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[2-(diethylamino)ethyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)



●6 Na



—CH₂—NEt₂

L4 ANSWER 53 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:464802 CAPLUS

DN 85:64802

TI Bis(triazinylamino)stilbene derivatives

IN Fleck, Fritz

PA Sandoz-Wander, Inc., Switz.

SO U.S., 7 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

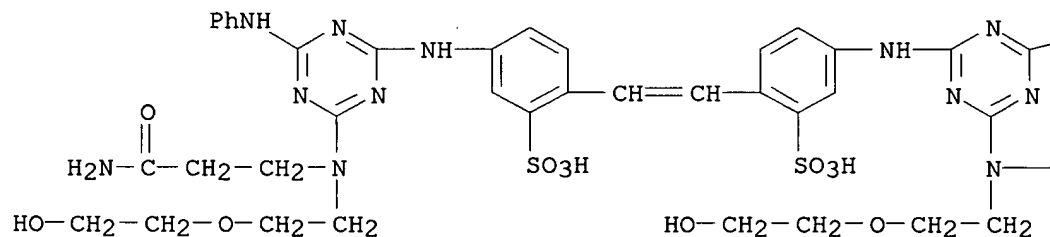
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3956283	A	19760511	US 1974-470523	19740516
PRAI	US 1974-470523	A	19740516		
IT	54914-82-8				

RL: USES (Uses)

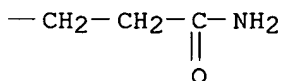
(fluorescent brightener, for detergents and paper, preparation of)

RN 54914-82-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl)[2-(2-hydroxyethoxy)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



—NHPh

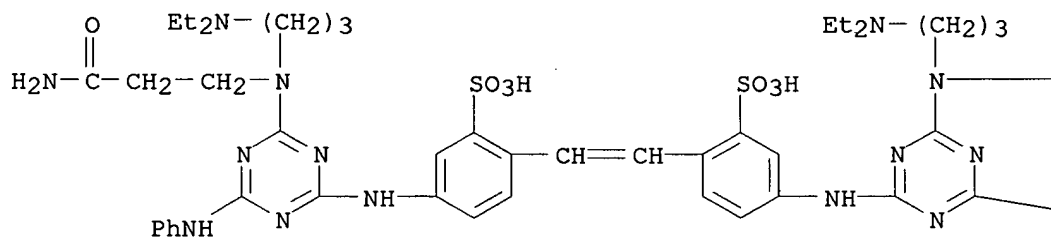


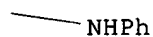
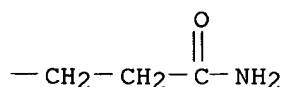
L4 ANSWER 54 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1975:595242 CAPLUS
 DN 83:195242
 TI Stilbene compounds
 IN Balzer, Hans; Fleck, Fritz; Schmid, Hans Rudolf
 PA Sandoz Ltd.
 SO Patentschrift (Switz.), 9 pp. Addn. to Swiss 529,770.
 CODEN: SWXXAS
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CH 556856	A	19741213	CH 1971-600	19710115
PRAI	CH 1971-600	A	19710115		
IT	32892-88-9P 33763-21-2P 33799-89-2P				
	33909-80-7P				

RL: IMF (Industrial manufacture); PREP (Preparation)
 (preparation of)

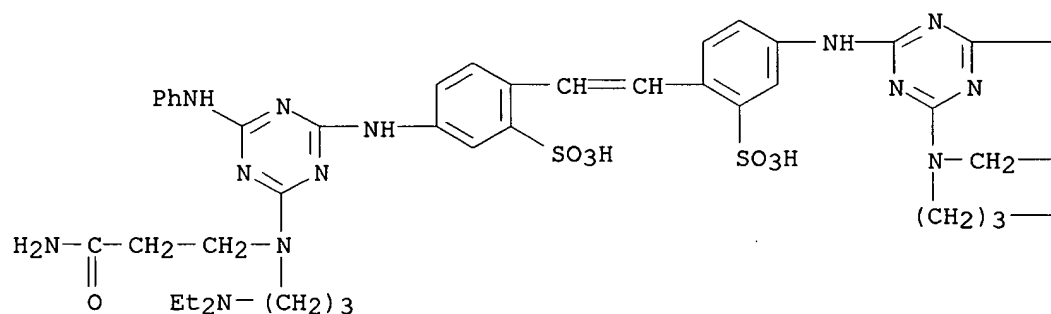
RN 32892-88-9 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl)[3-(diethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



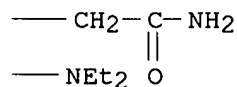
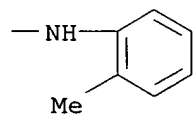


RN 33763-21-2 CAPLUS

CN Benzenesulfonic acid, 5-[[4-[(3-amino-3-oxopropyl)[3-(diethylamino)propyl]amino]-6-[(2-methylphenyl)amino]-1,3,5-triazin-2-yl]amino]-2-[2-[4-[[4-[(3-amino-3-oxopropyl)[3-(diethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]-, disodium salt (9CI) (CA INDEX NAME)



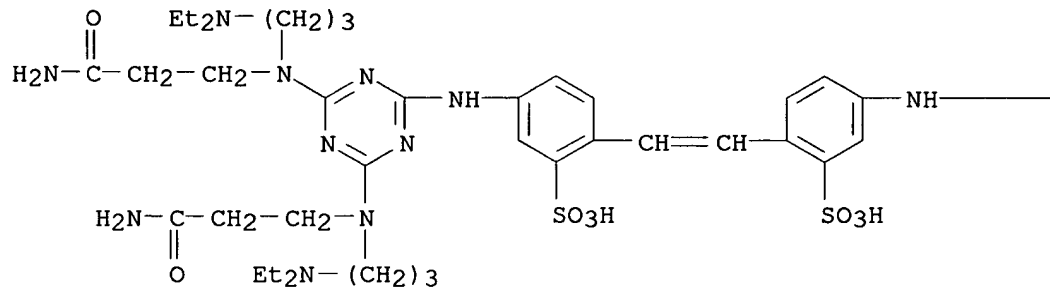
● 2 Na



RN 33799-89-2 CAPLUS

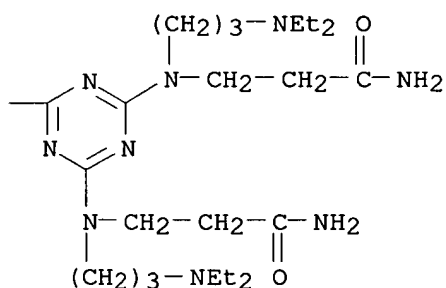
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4,6-bis[(3-amino-3-oxopropyl)[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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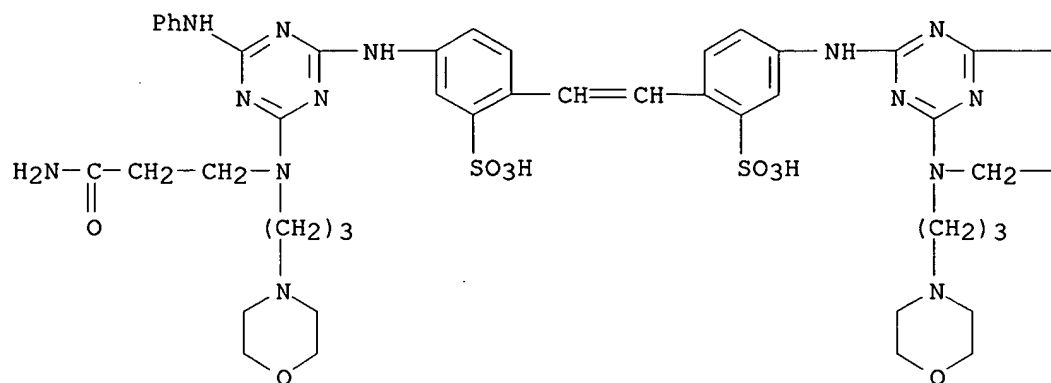
● 2 Na

PAGE 1-B

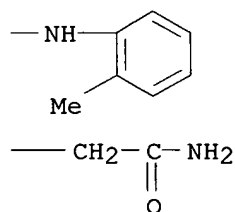


RN 33909-80-7 CAPLUS

CN Benzenesulfonic acid, 5-[[4-[(3-amino-3-oxopropyl)[3-(4-morpholinyl)propyl]amino]-6-[(2-methylphenyl)amino]-1,3,5-triazin-2-yl]amino]-2-[2-[4-[[4-[(3-amino-3-oxopropyl)[3-(4-morpholinyl)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]-, disodium salt (9CI) (CA INDEX NAME)



●2 Na

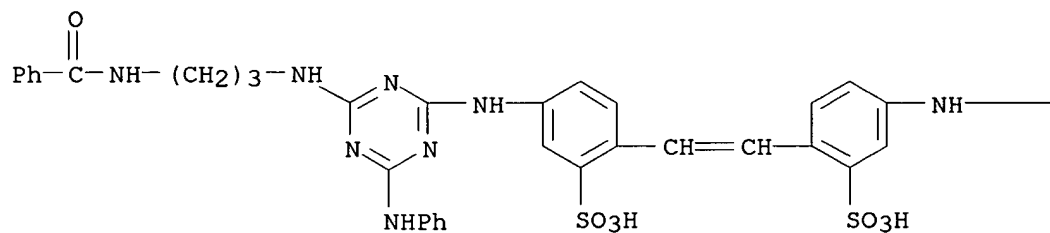


L4 ANSWER 55 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1975:581117 CAPLUS
 DN 83:181117
 TI Derivatives of bis-(triazinylamino)-stilbene disulfonic acids useful as
 fluorescent whiteners
 PA Hoechst A.-G., Fed. Rep. Ger.
 SO Belg., 36 pp.
 CODEN: BEXXAL
 DT Patent
 LA French
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 820227	A1	19750324	BE 1974-148797	19740923
	CH 7313558	A4	19770831	CH 1973-13558	19730921
	CH 603878	B	19780831		
	NL 7412250	A	19750325	NL 1974-12250	19740916
	US 3951965	A	19760420	US 1974-506985	19740918
	DD 114842	C	19750820	DD 1974-181207	19740919
	IT 1022132	A	19780320	IT 1974-27491	19740919
	JP 50059420	A2	19750522	JP 1974-107863	19740920
	BR 7407858	A0	19750729	BR 1974-7858	19740920
	CA 1044233	A1	19781212	CA 1974-209718	19740920

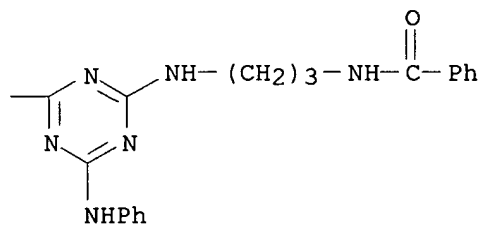
FR 2244765 A1 19750418 FR 1974-31960 19740923
 FR 2244765 B1 19781124
 GB 1489595 A 19771019 GB 1974-41388 19740923
 PRAI CH 1973-13558 A 19730921
 IT **56125-30-5P 56125-32-7P 56125-34-9P**
56125-47-4P
 RL: IMF (Industrial manufacture); PREP (Preparation)
 (preparation of)
 RN 56125-30-5 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(benzoylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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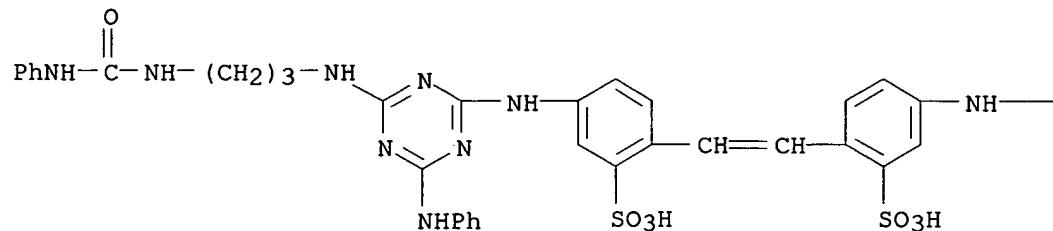
● 2 Na

PAGE 1-B



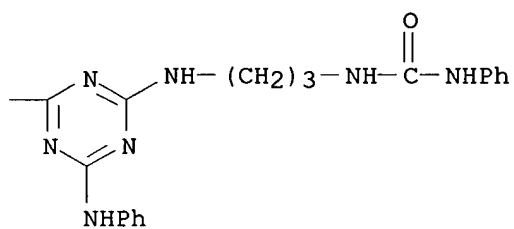
RN 56125-32-7 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-(phenylamino)-6-[[3-[[[(phenylamino)carbonyl]amino]propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

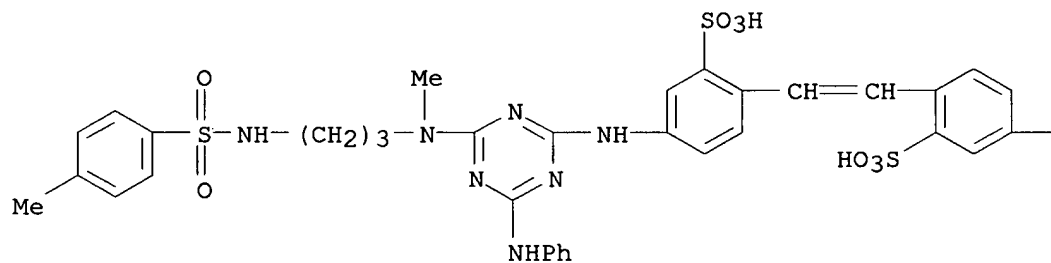
PAGE 1-B



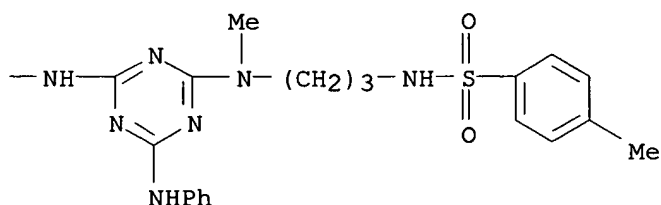
RN 56125-34-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[methyl[3-[[4-methylphenyl)sulfonyl]amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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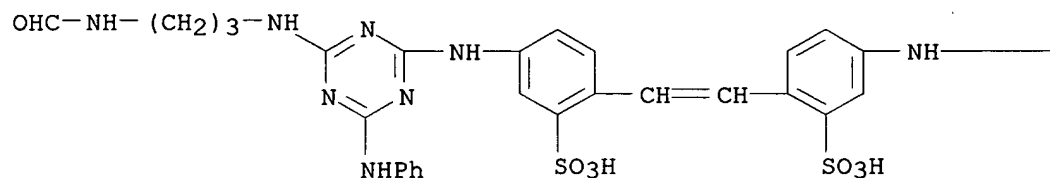
PAGE 1-B



RN 56125-47-4 CAPLUS

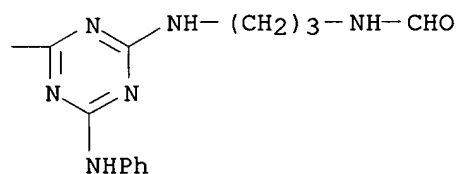
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(formylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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IT 56125-09-8 56125-10-1 56125-12-3
 56125-13-4 56125-14-5 56125-15-6
 56125-16-7 56125-17-8 56125-18-9
 56125-21-4 56125-22-5 56125-26-9
 56125-27-0 56125-28-1 56125-29-2
 56125-31-6 56125-33-8 56125-35-0
 56125-36-1 56125-38-3 56125-44-1
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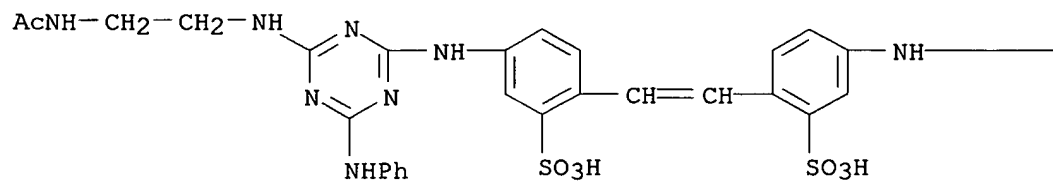
RL: PRP (Properties)

(spectrum of)

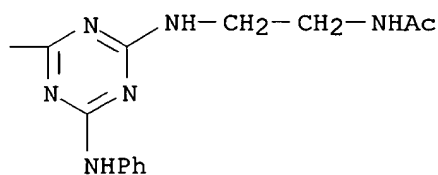
RN 56125-09-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(acetylamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI)
 (CA INDEX NAME)

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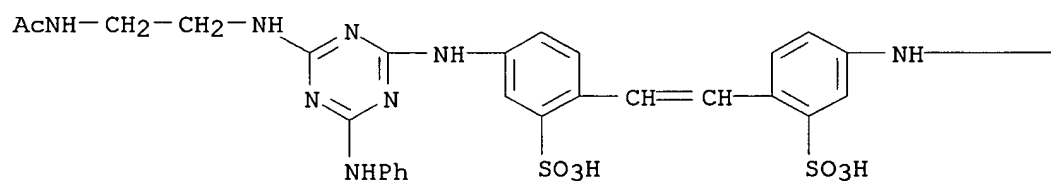


RN 56125-10-1 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(acetamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, compd. with 2,2',2''-nitrilotris[ethanol] (1:2) (9CI) (CA INDEX NAME)

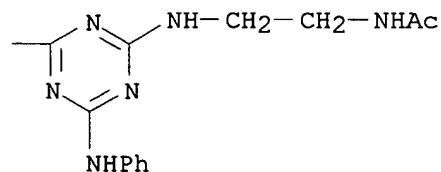
CM 1

CRN 56125-09-8
 CMF C40 H42 N14 O8 S2

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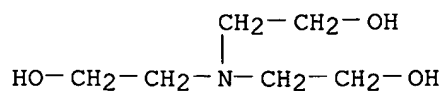


PAGE 1-B



CM 2

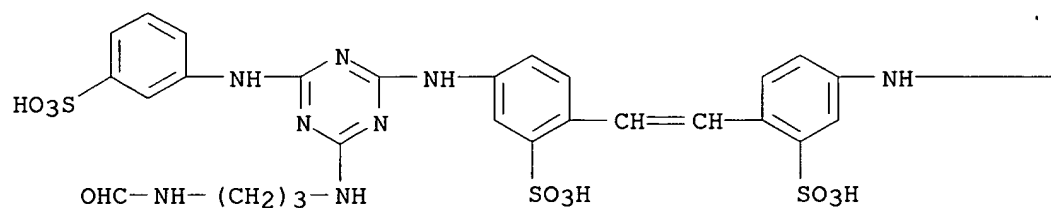
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 CMF C6 H15 N O3



RN 56125-12-3 CAPLUS

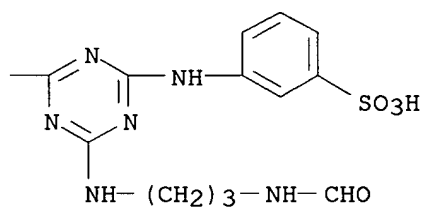
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(formylamino)propyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

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●4 Na

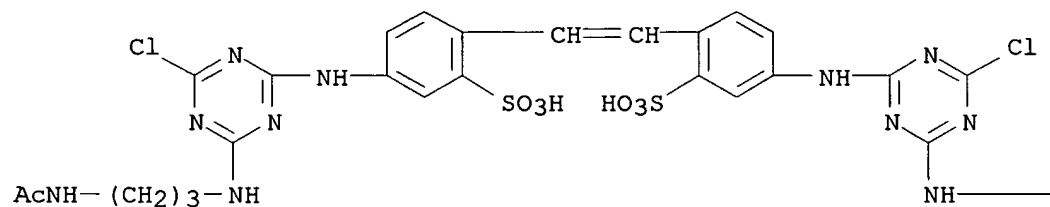
PAGE 1-B



RN 56125-13-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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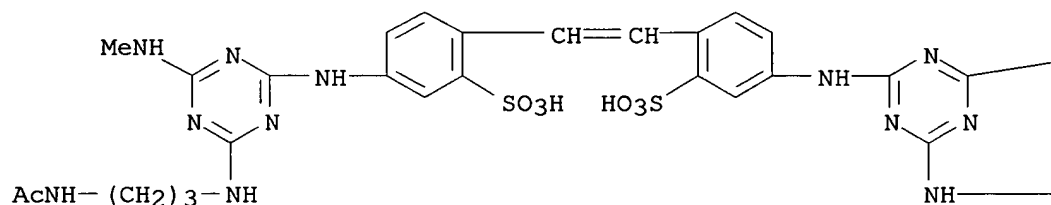
●2 Na

— (CH₂)₃—NHAc

RN 56125-14-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(methylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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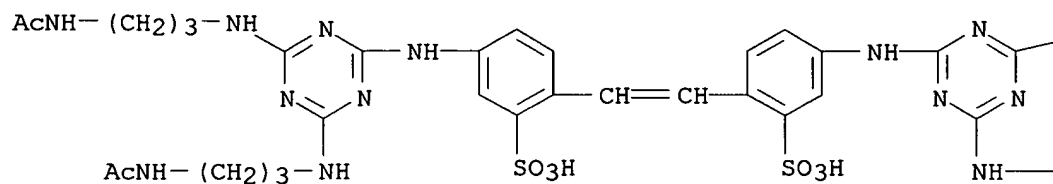
— NHMe

— (CH₂)₃—NHAc

RN 56125-15-6 CAPLUS

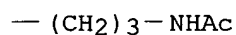
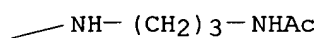
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4,6-bis[[3-(acetylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

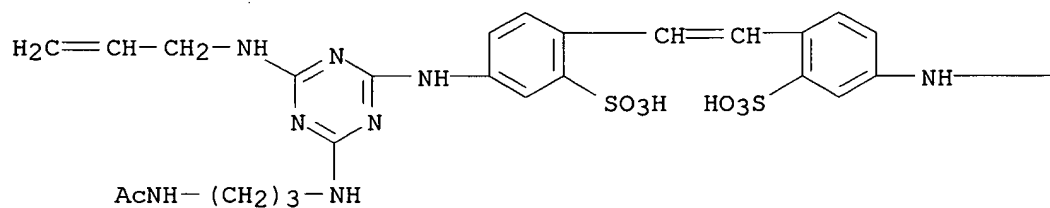
PAGE 1-B



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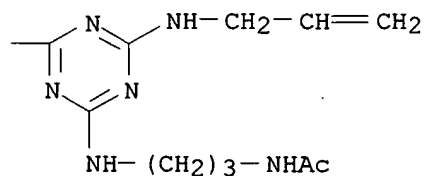
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetamino)propyl]amino]-6-(2-propenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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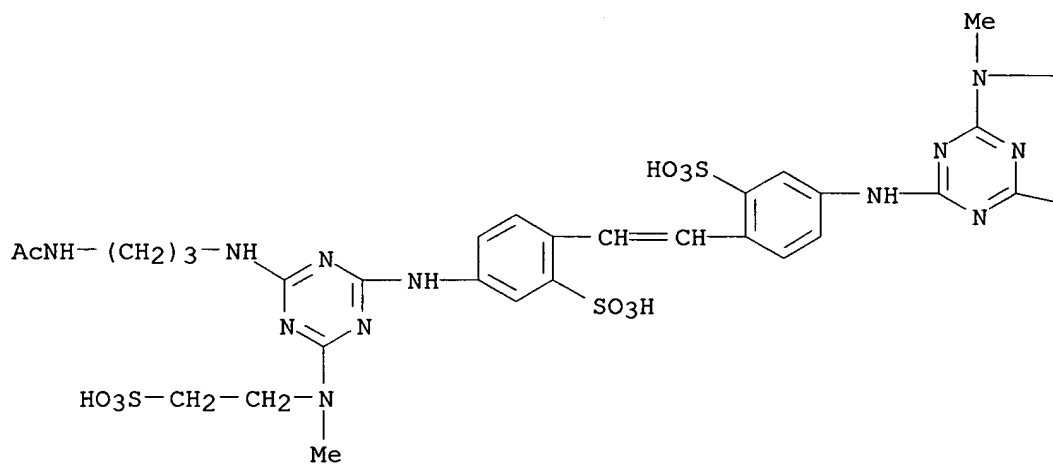
RN 56125-17-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-

10/508,444

(acetylamino)propyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

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● 4 Na

PAGE 1-B

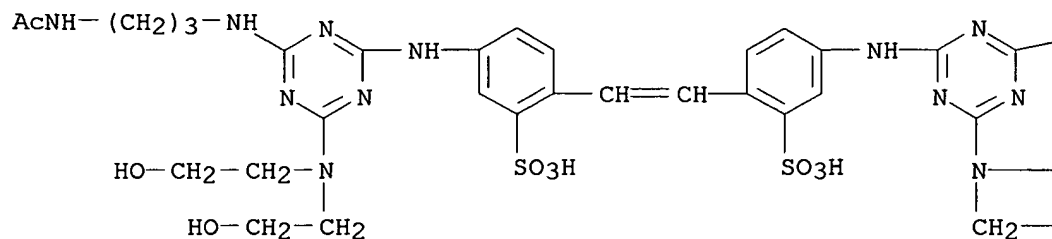
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$\text{NH}-(\text{CH}_2)_3-\text{NHAc}$

RN 56125-18-9 CAPLUS

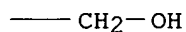
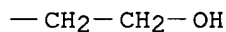
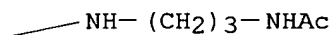
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-[bis(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

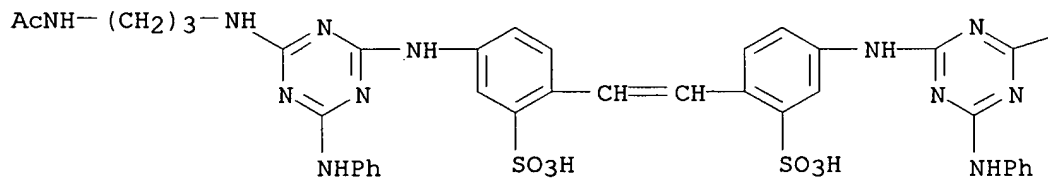
PAGE 1-B



RN 56125-21-4 CAPLUS

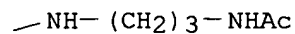
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

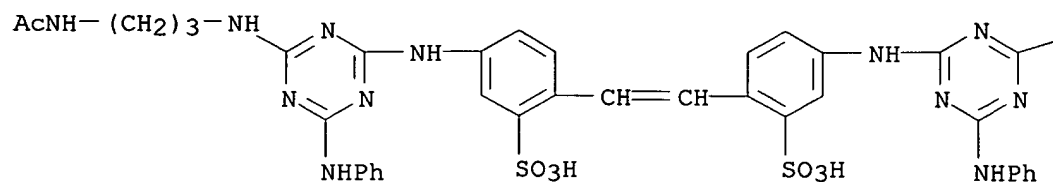
PAGE 1-B



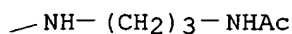
RN 56125-22-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, (9CI) (CA INDEX NAME)

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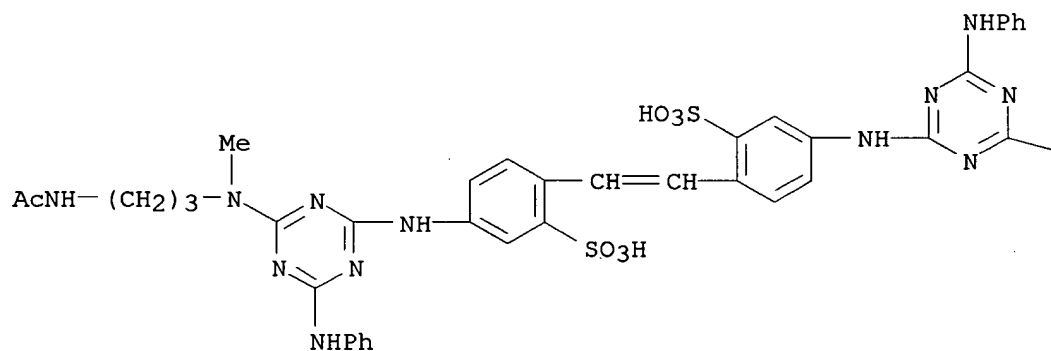
PAGE 1-B



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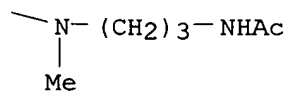
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]methylamino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

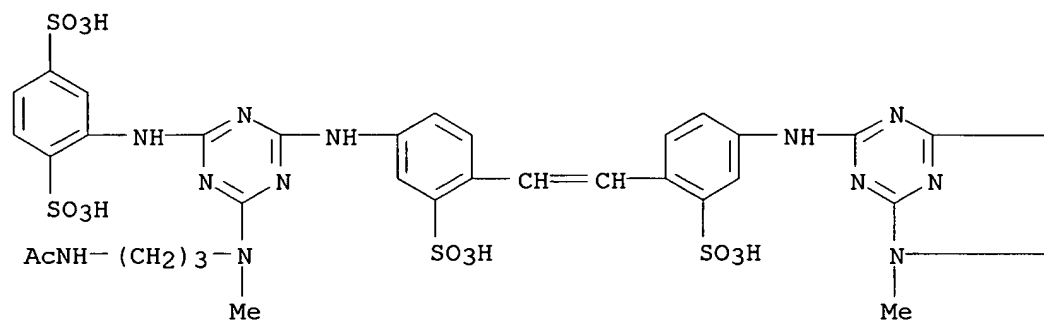
PAGE 1-B



RN 56125-27-0 CAPLUS

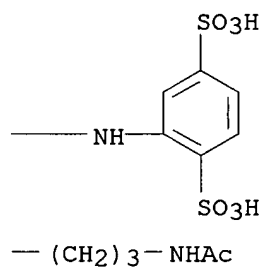
CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[3-(acetylamino)propyl]methylamino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)

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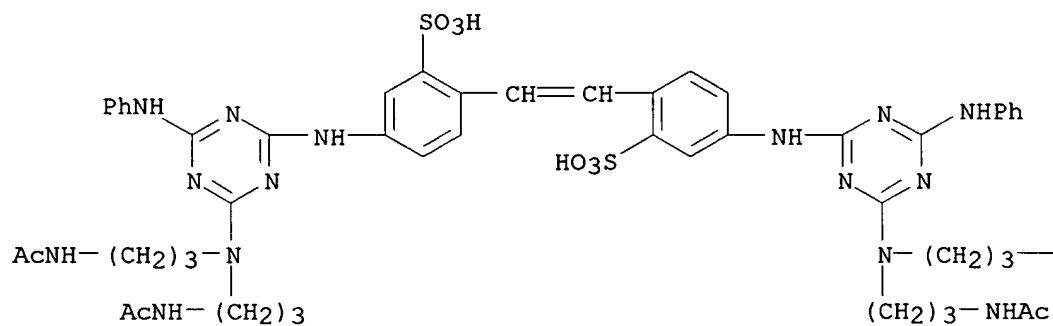
● 6 Na

PAGE 1-B



RN 56125-28-1 CAPLUS
 CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-
 (9CI) (CA INDEX NAME)

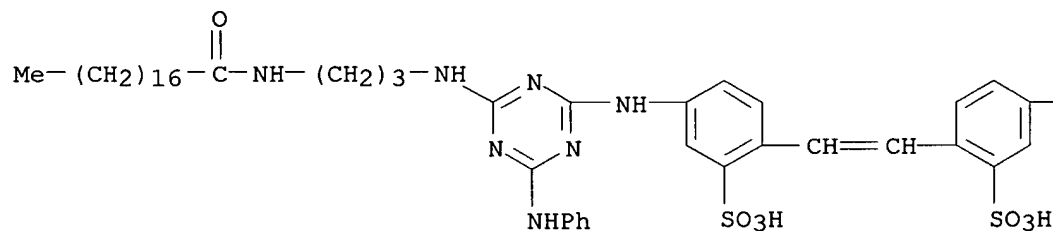
PAGE 1-A



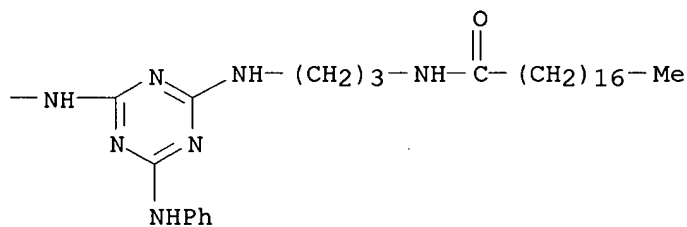
—NHAc

RN 56125-29-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[(1-oxooctadecyl)amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



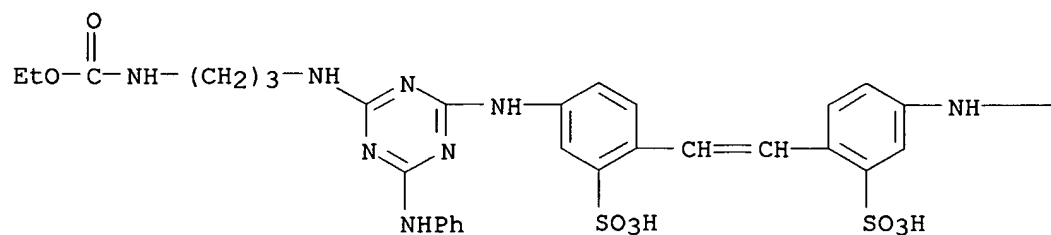
● 2 Na



RN 56125-31-6 CAPLUS

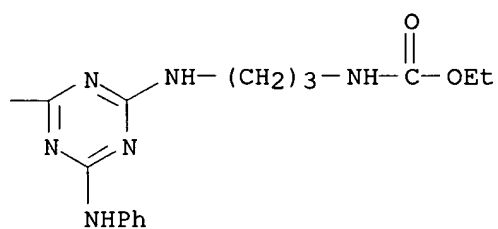
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[(ethoxycarbonyl)amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

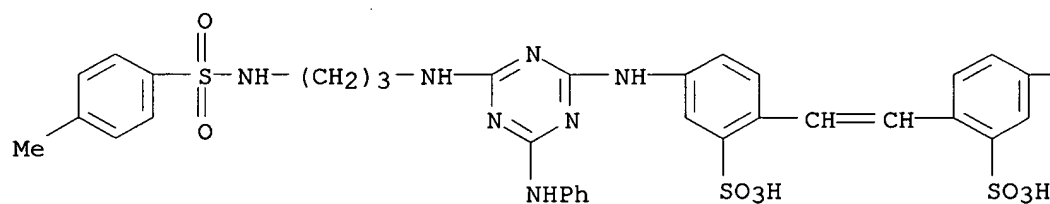
PAGE 1-B



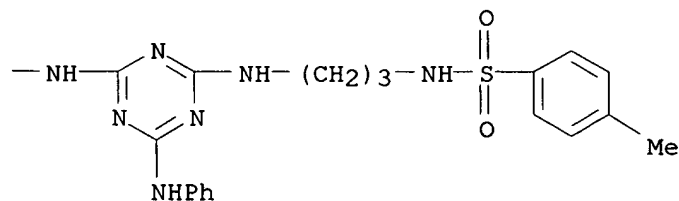
RN 56125-33-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[[4-methylphenyl)sulfonyl]amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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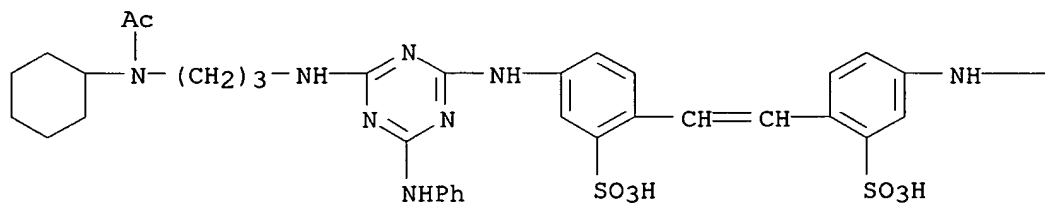


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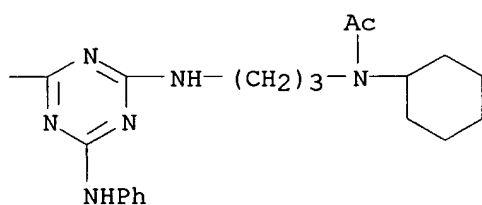
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-

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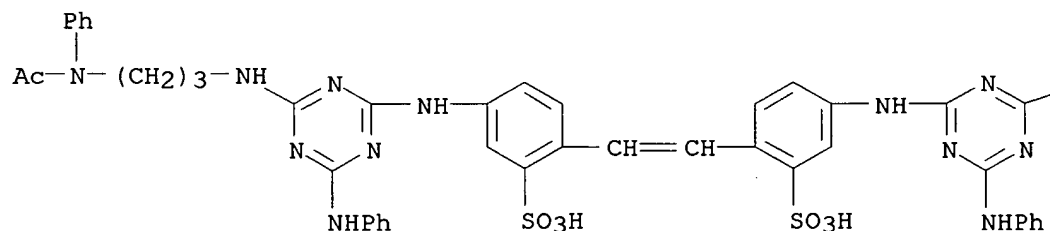
PAGE 1-B



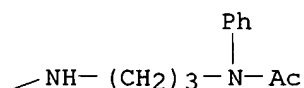
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CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylphenylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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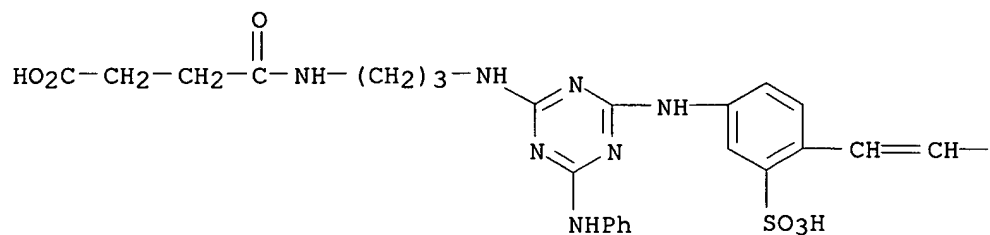
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RN 56125-38-3 CAPLUS

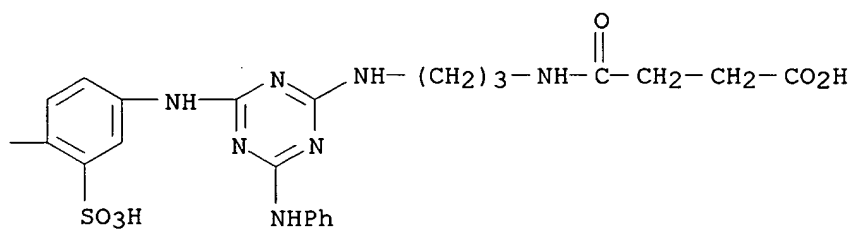
CN Butanoic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino-3,1-propanediylimino]]bis[4-oxo-, tetrasodium salt (9CI) (CA INDEX NAME)

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● 4 Na

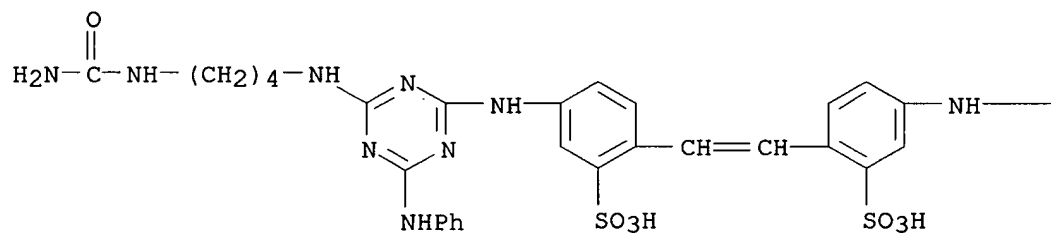
PAGE 1-B



RN 56125-44-1 CAPLUS

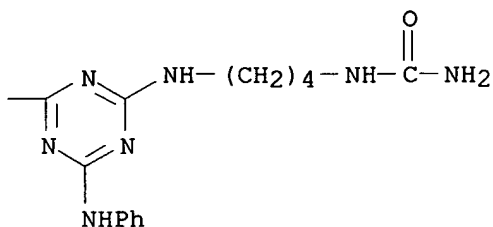
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[4-
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● 2 Na

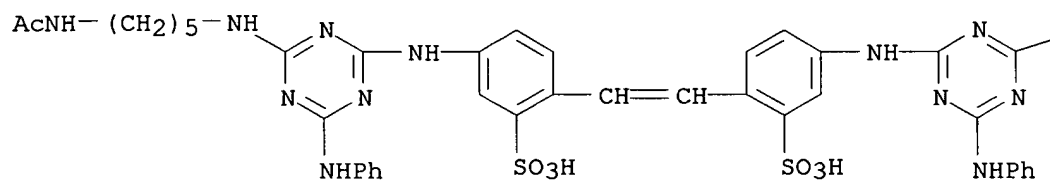
PAGE 1-B



RN 56125-45-2 CAPLUS

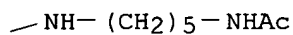
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[5-(acetylamino)pentyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

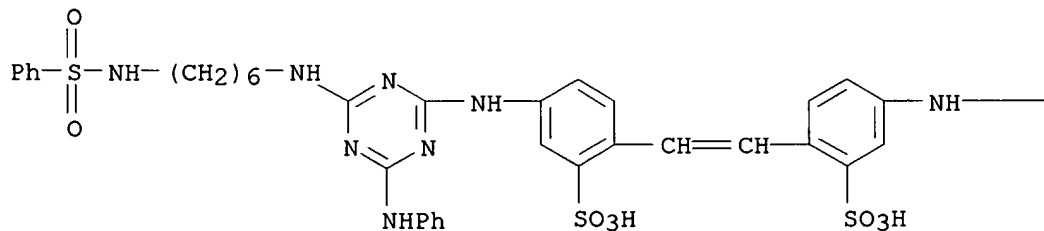
PAGE 1-B



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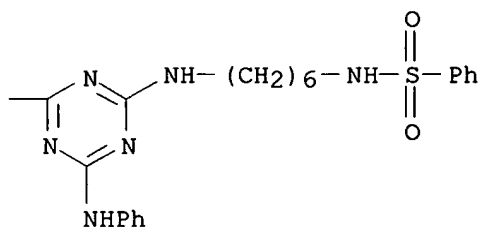
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-(phenylamino)-6-[[6-[(phenylsulfonyl)amino]hexyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

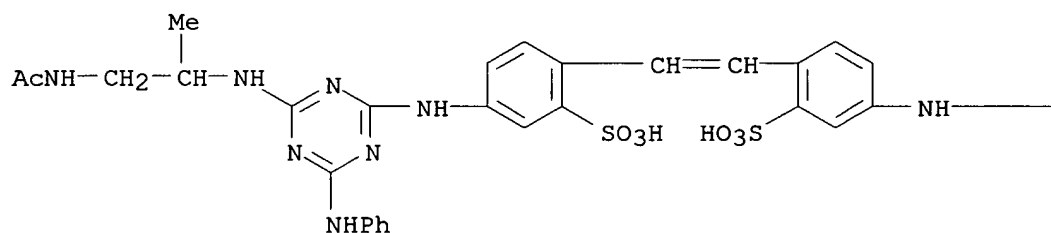
PAGE 1-B



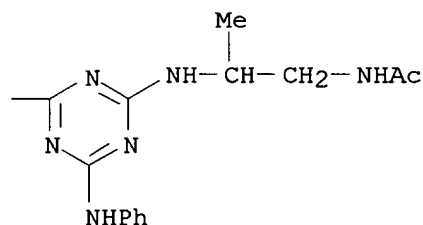
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CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(acetylamino)-1-methylethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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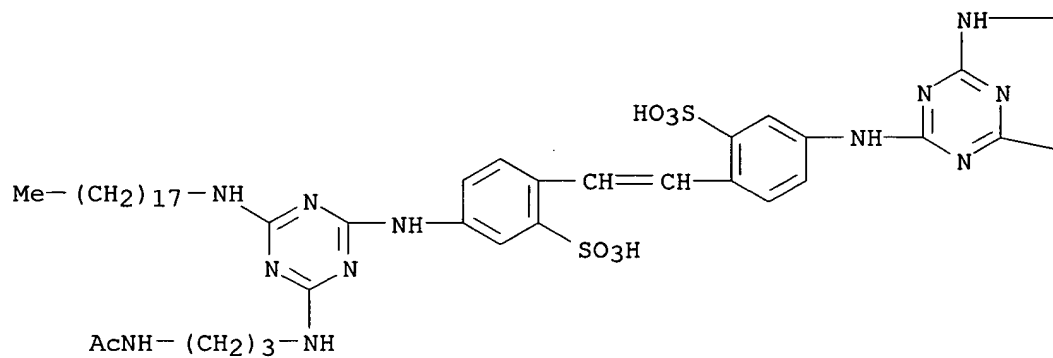
PAGE 1-B



RN 56190-24-0 CAPLUS

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● 2 Na

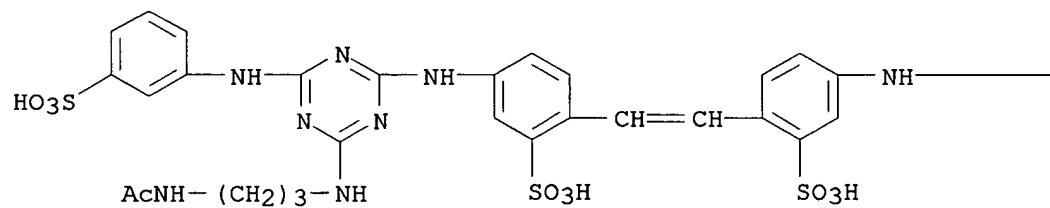
PAGE 1-B

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$$\text{—NH—(CH}_2\text{)}_{17}\text{—Me}$$

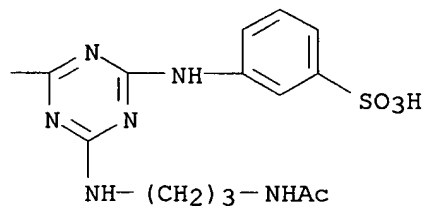
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CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A

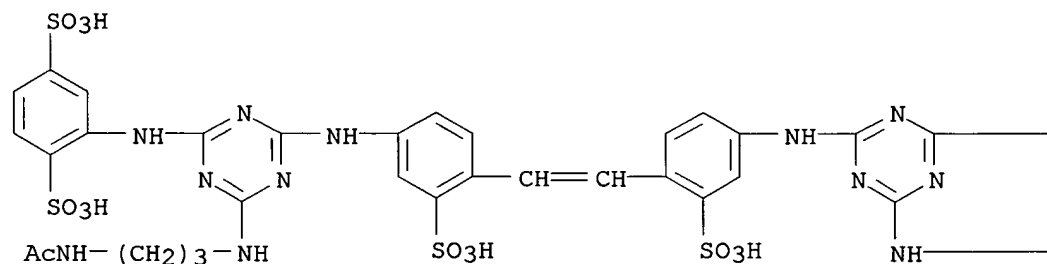


● 4 Na

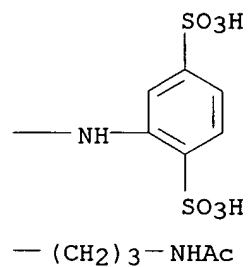


RN 56190-26-2 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[3-(acetamino)propyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)



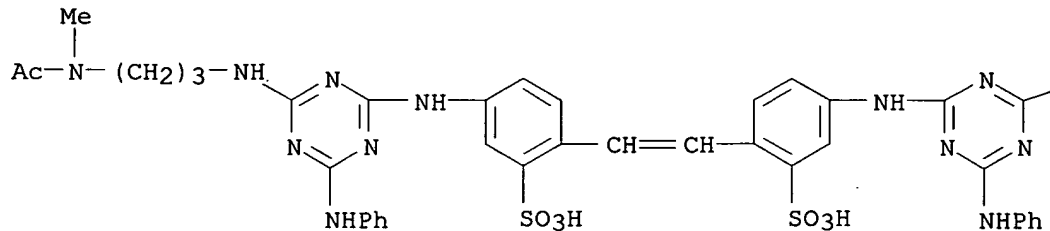
● 6 Na



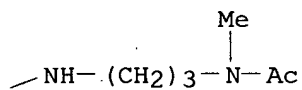
RN 56190-28-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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RN 57038-68-3 CAPLUS

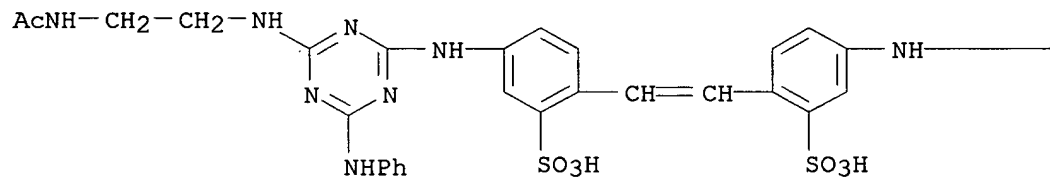
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(acetylamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, compd. with N,N-diethylethanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

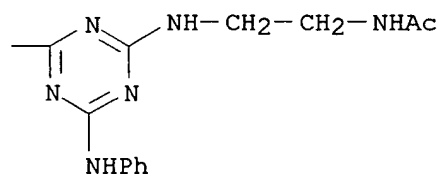
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CMF C40 H42 N14 O8 S2

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PAGE 1-B

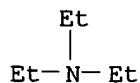


CM 2

CRN 121-44-8

CMF C6 H15 N

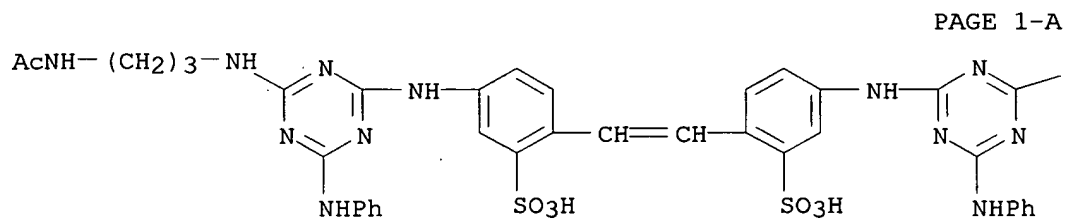
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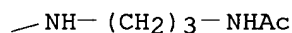
RN 57038-69-4 CAPLUS
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, compd. with 2,2'-iminobis[ethanol] (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 56125-22-5
CMF C42 H46 N14 O8 S2



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CM 2

CRN 111-42-2
CMF C4 H11 N O2

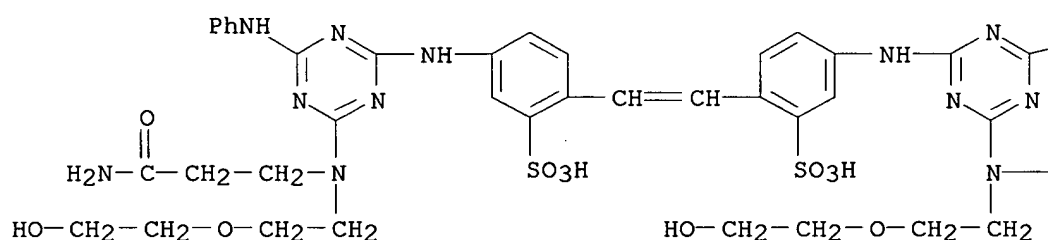


L4 ANSWER 56 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1975:565829 CAPLUS
DN 83:165829
TI Fluorescent whitener for cotton and paper
IN Fleck, Fritz
PA Sandoz Ltd.
SO Ger. Offen., 18 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2424502	A1	19741212	DE 1974-2424502	19740520
	CH 583211	A	19761231	CH 1973-7256	19730522
	NL 7406642	A	19741126	NL 1974-6642	19740517
	BE 815300	A1	19741120	BE 1974-144546	19740520

JP 50021025 A2 19750306 JP 1974-55676 19740520
 ES 426481 A1 19760916 ES 1974-426481 19740520
 GB 1459682 A 19761222 GB 1974-22413 19740520
 FR 2230641 A1 19741220 FR 1974-17822 19740522
 AU 7469260 A1 19751127 AU 1974-69260 19740522
 PRAI CH 1973-7256 A 19730522
 IT **54914-82-8P**
 RL: IMF (Industrial manufacture); PREP (Preparation)
 (preparation and paper and detergent composition whitening by)
 RN 54914-82-8 CAPLUS
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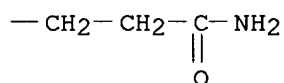
PAGE 1-A



● 2 Na

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— NHPH



L4 ANSWER 57 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1975:499221 CAPLUS
 DN 83:99221
 TI Bis(triazinylamino)stilbenedisulfonic acid derivatives
 IN Mengler, Helmut; Schinzel, Erich; Roesch, Guenter
 PA Hoechst A.-G., Fed. Rep. Ger.
 SO Ger. Offen., 39 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2444784	A1	19750403	DE 1974-2444784	19740919
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	CH 603878	B	19780831		

NL 7412250	A	19750325	NL 1974-12250	19740916
US 3951965	A	19760420	US 1974-506985	19740918
DD 114842	C	19750820	DD 1974-181207	19740919
IT 1022132	A	19780320	IT 1974-27491	19740919
JP 50059420	A2	19750522	JP 1974-107863	19740920
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CA 1044233	A1	19781212	CA 1974-209718	19740920
FR 2244765	A1	19750418	FR 1974-31960	19740923
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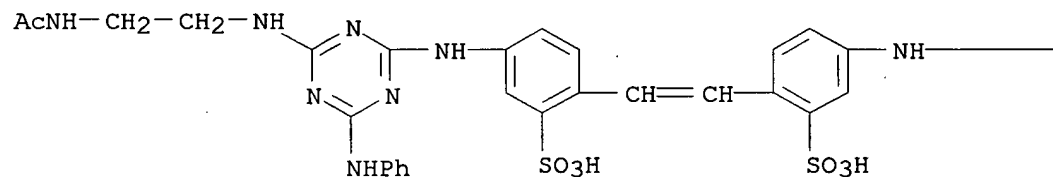
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 56190-26-2P 56190-28-4P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (preparation and fluorescent spectra of)

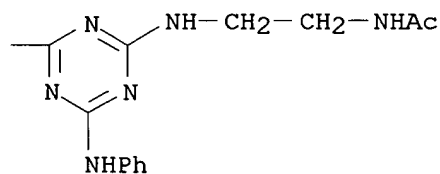
RN 56125-09-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(acetylamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI)
 (CA INDEX NAME)

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RN 56125-10-1 CAPLUS

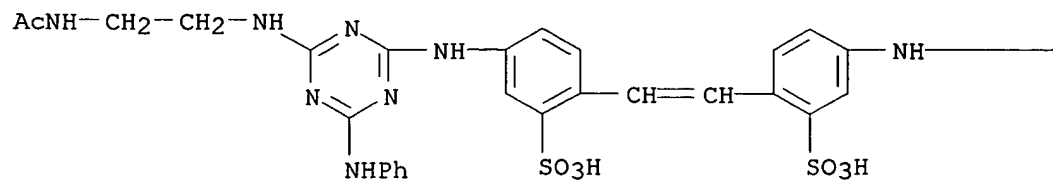
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(acetylamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, compd. with 2,2',2''-nitrilotris[ethanol] (1:2) (9CI) (CA INDEX NAME)

CM 1

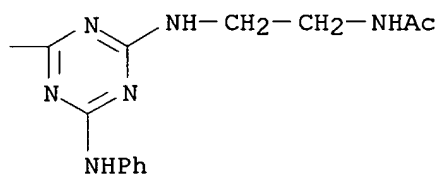
CRN 56125-09-8

CMF C40 H42 N14 O8 S2

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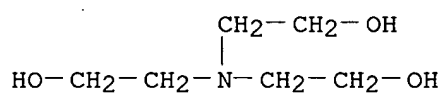
PAGE 1-B



CM 2

CRN 102-71-6

CMF C6 H15 N O3



RN 56125-11-2 CAPLUS

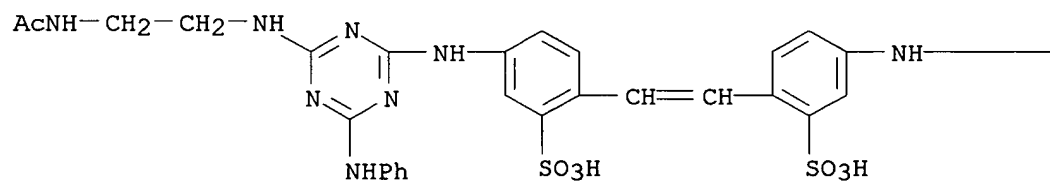
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(acetylamino)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, compd. with N,N-diethylethanamine (1:2) (9CI) (CA INDEX NAME)

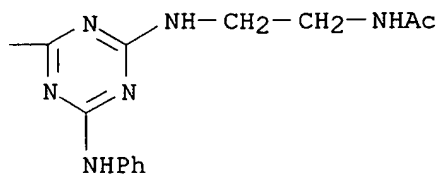
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CRN 56125-09-8

CMF C40 H42 N14 O8 S2

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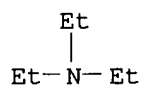




CM 2

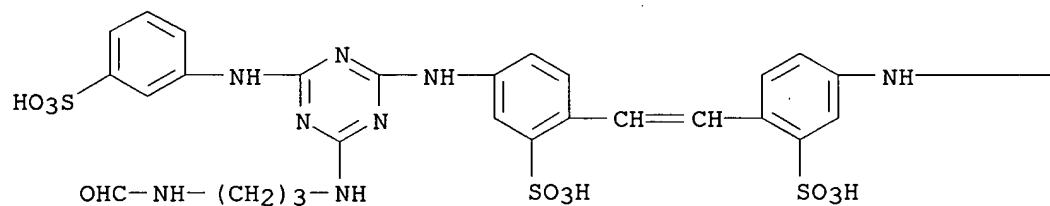
CRN 121-44-8

CMF C6 H15 N

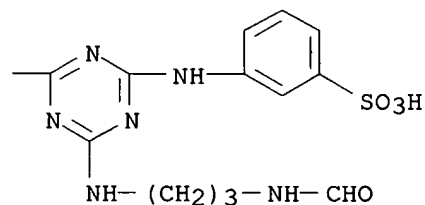


RN 56125-12-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(formylamino)propyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)



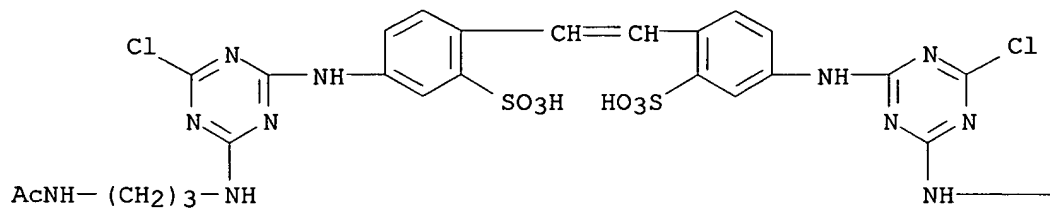
●4 Na



RN 56125-13-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

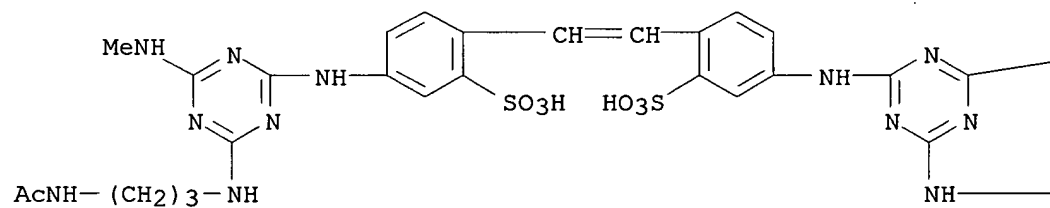
PAGE 1-B

— (CH₂)₃-NHAc

RN 56125-14-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(methylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

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— NHMe

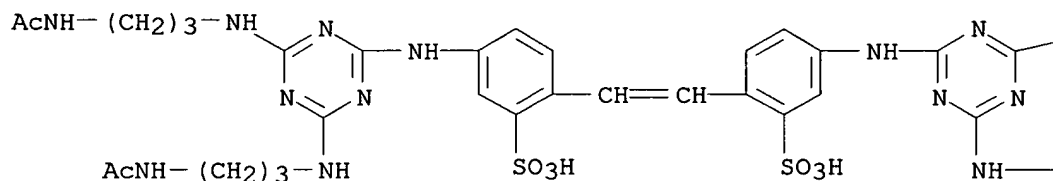
— (CH₂)₃-NHAc

10/508,444

RN 56125-15-6 CAPLUS

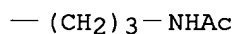
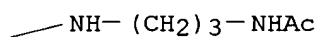
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4,6-bis[[3-(acetylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI)
(CA INDEX NAME)

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● 2 Na

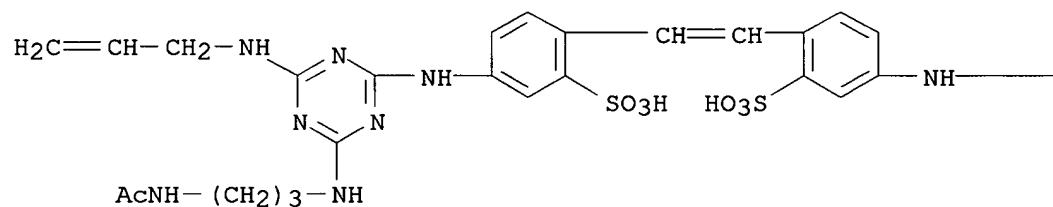
PAGE 1-B



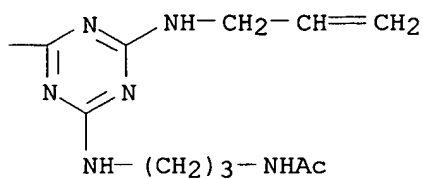
RN 56125-16-7 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(2-propenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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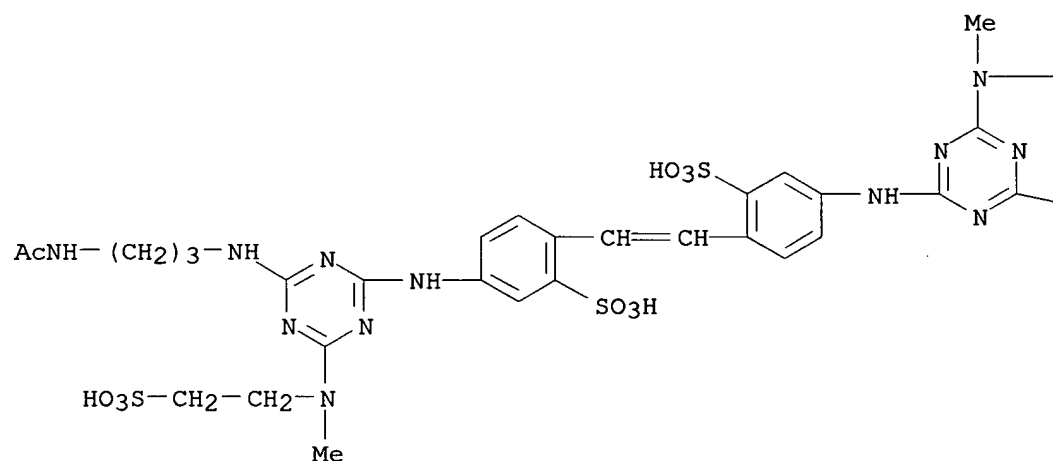


● 2 Na

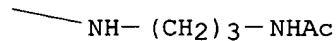
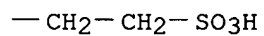


RN 56125-17-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)



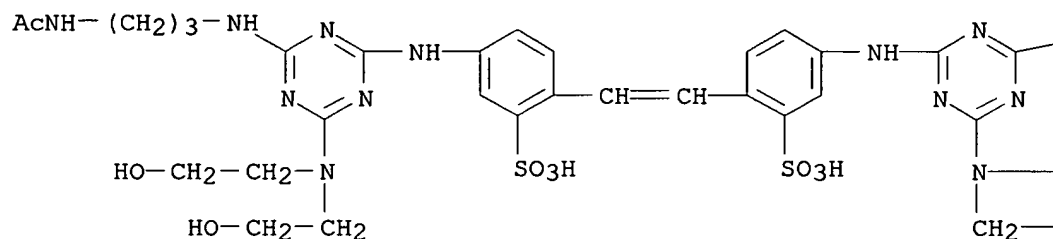
● 4 Na



RN 56125-18-9 CAPLUS

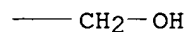
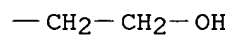
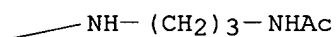
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-[bis(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

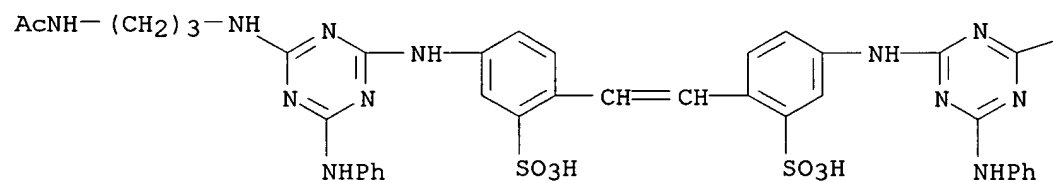
PAGE 1-B



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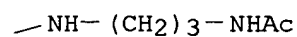
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

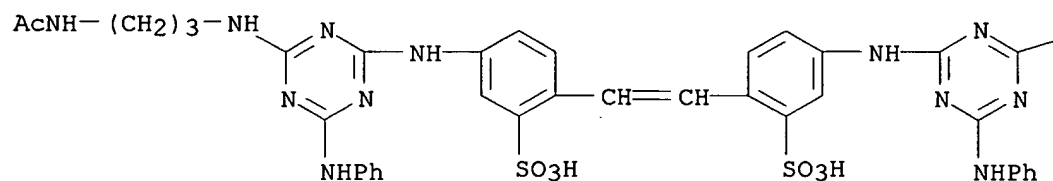
PAGE 1-B



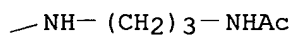
RN 56125-22-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, (9CI) (CA INDEX NAME)

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RN 56125-23-6 CAPLUS

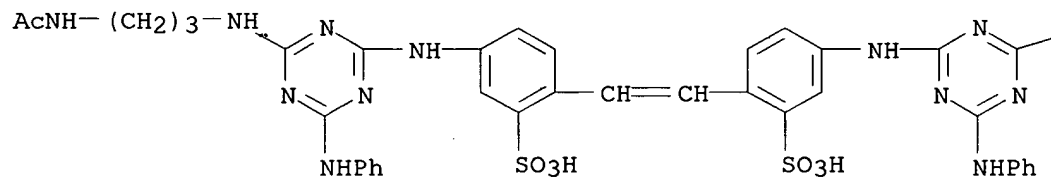
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, compd. with 2,2',2''-nitrilotris[ethanol] (1:2) (9CI) (CA INDEX NAME)

CM 1

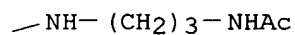
CRN 56125-22-5

CMF C42 H46 N14 O8 S2

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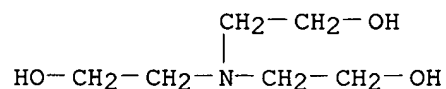
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CM 2

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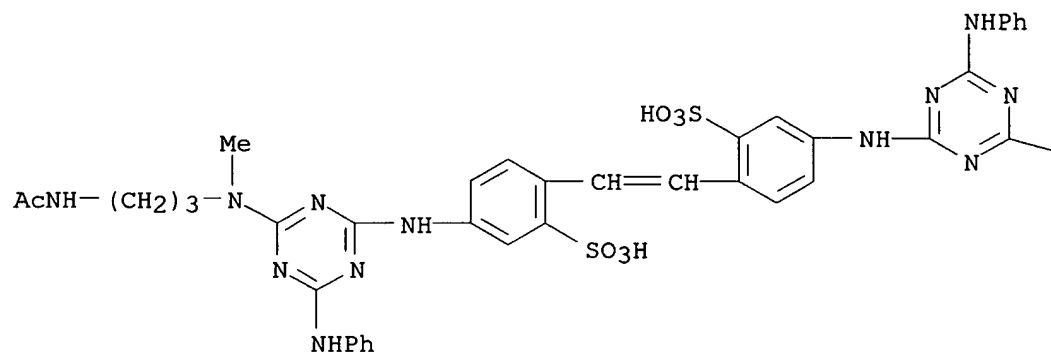
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RN 56125-26-9 CAPLUS

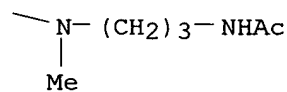
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]methylamino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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●2 Na

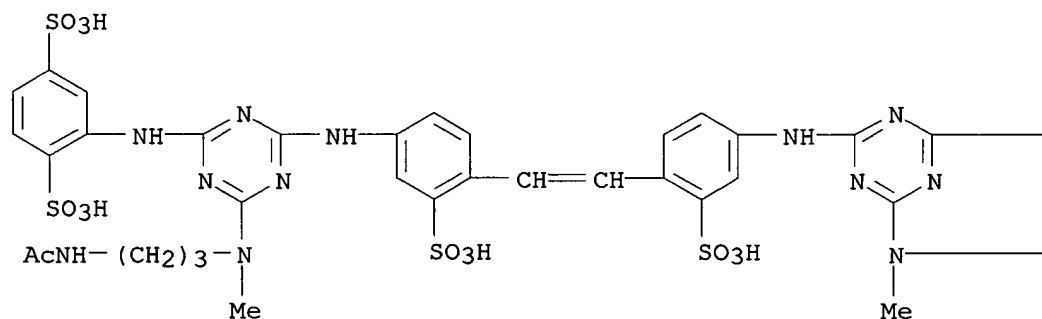
PAGE 1-B



RN 56125-27-0 CAPLUS

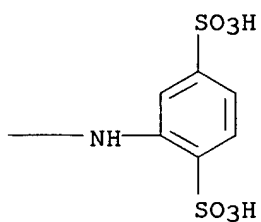
CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[3-(acetylamino)propyl]methylamino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)

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●6 Na

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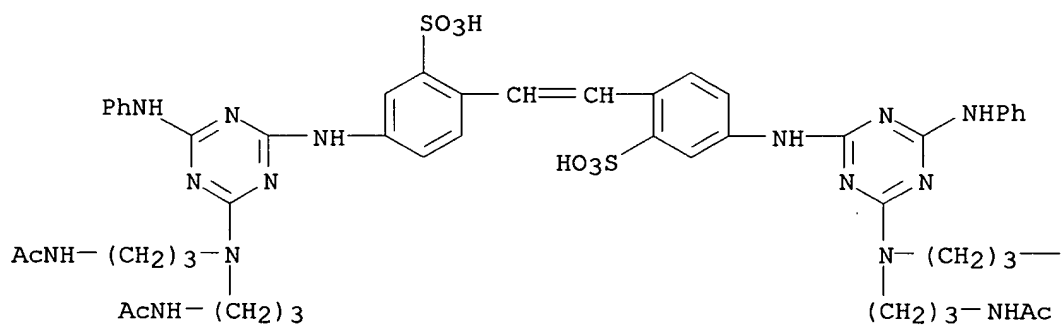

$$-(\text{CH}_2)_3-\text{NHAc}$$

RN 56125-28-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis(3-(acetylamino)propyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-
(9CI) (CA INDEX NAME)

(9CI) (CA INDEX NAME)

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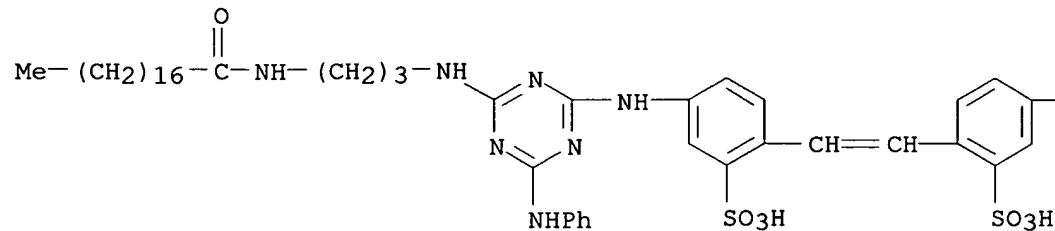
$$\text{---NHAc}$$

RN 56125-29-2 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[(1-oxooctadecyl)amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

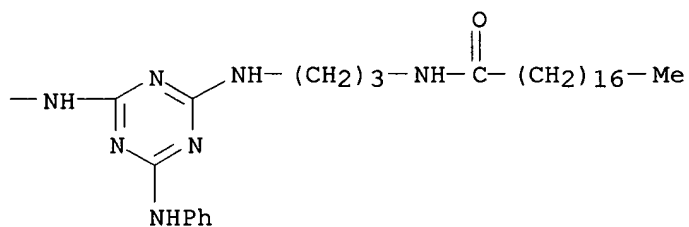
, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

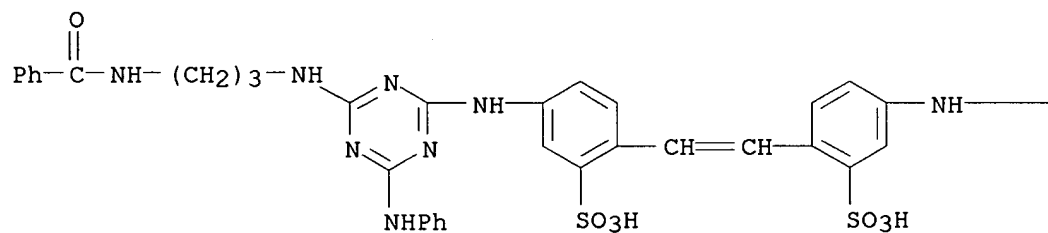
PAGE 1-B



RN 56125-30-5 CAPLUS

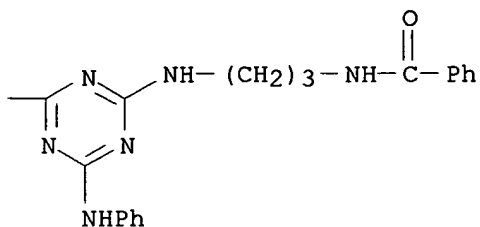
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(benzoylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

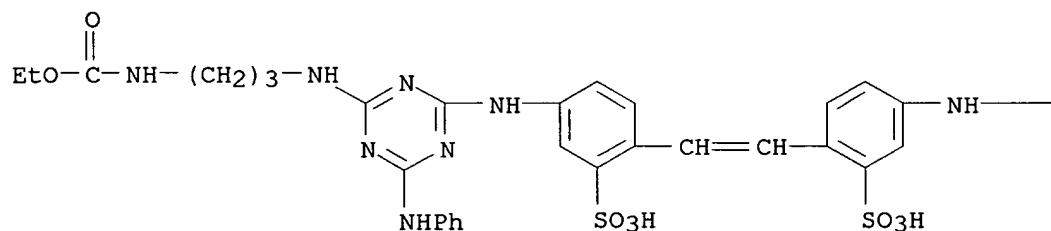
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RN 56125-31-6 CAPLUS

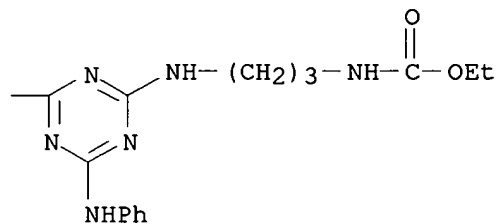
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[(ethoxycarbonyl)amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

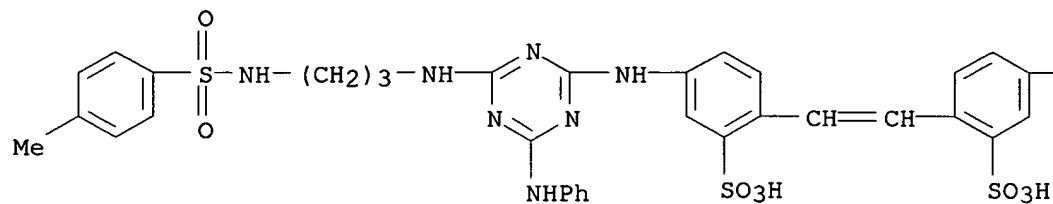
PAGE 1-B



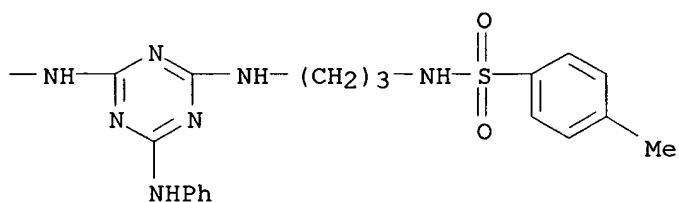
RN 56125-33-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-[[4-methylphenyl]sulfonyl]amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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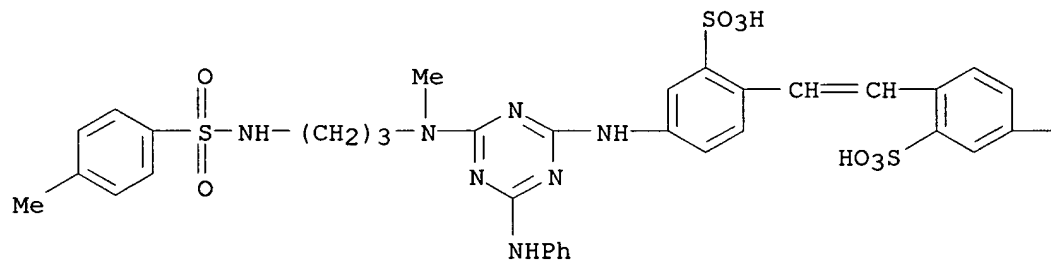
PAGE 1-B



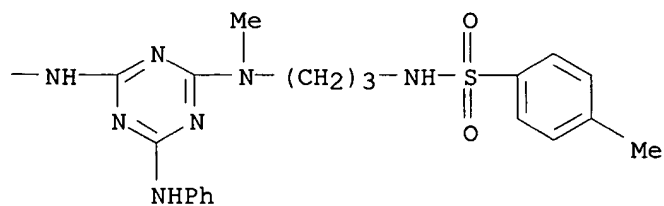
RN 56125-34-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[methyl[3-[[4-methylphenyl)sulfonyl]amino]propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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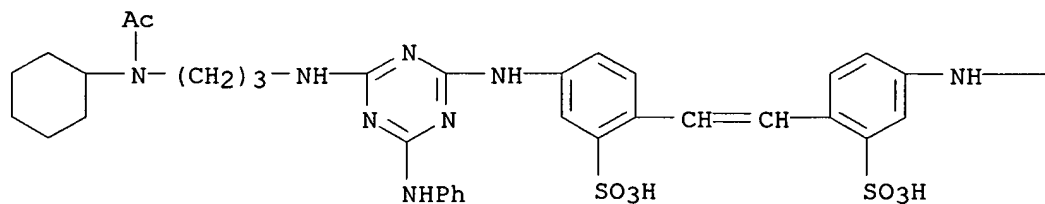
PAGE 1-B



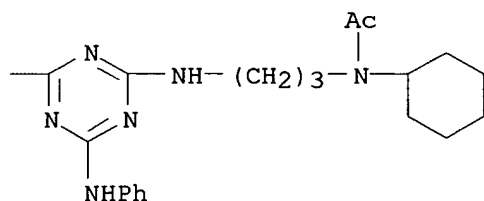
RN 56125-35-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylcyclohexylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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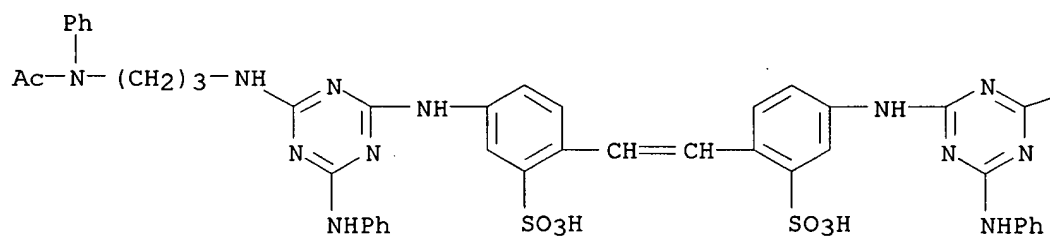
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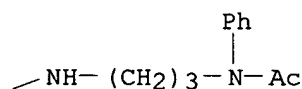
RN 56125-36-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylphenylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)

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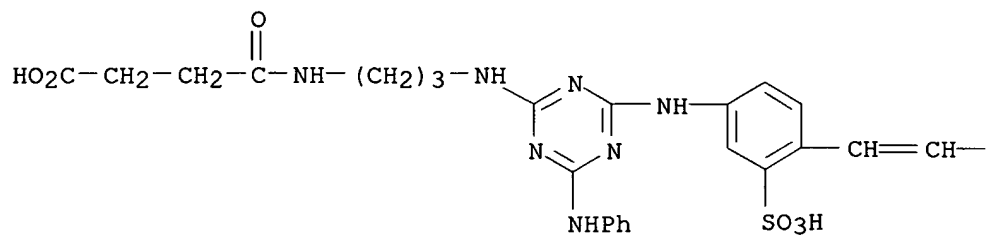
PAGE 1-B



RN 56125-38-3 CAPLUS

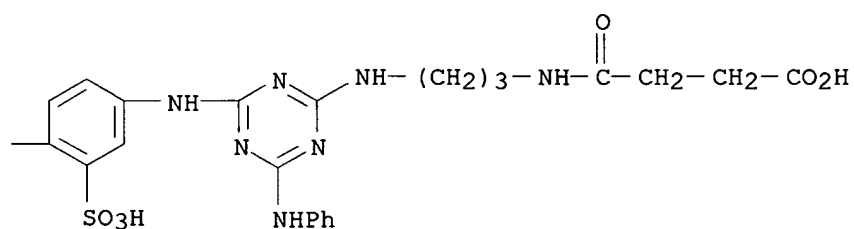
CN Butanoic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino-3,1-propanediylimino]]bis[4-oxo-, tetrasodium salt (9CI) (CA INDEX NAME)

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●4 Na

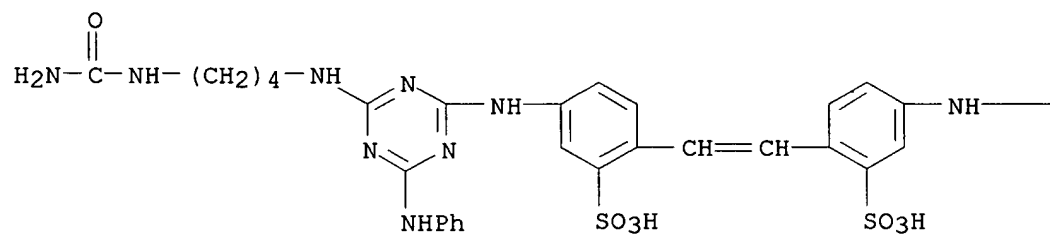
PAGE 1-B



RN 56125-44-1 CAPLUS

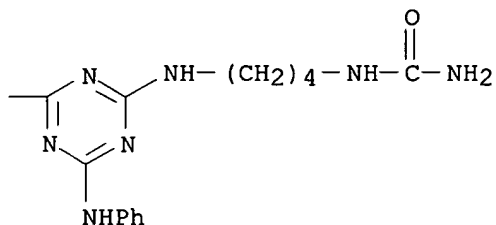
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[4-
[(aminocarbonyl)amino]butyl]amino]-6-(phenylamino)-1,3,5-triazin-2-
yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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●2 Na

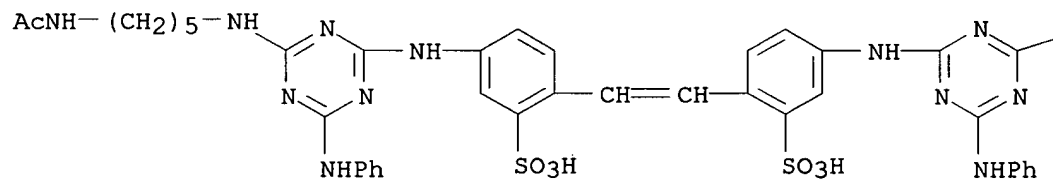
PAGE 1-B



RN 56125-45-2 CAPLUS

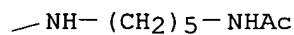
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[5-(phenylamino)-1,3,5-triazin-2-yl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-5-(acetamido)pentyl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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●2 Na

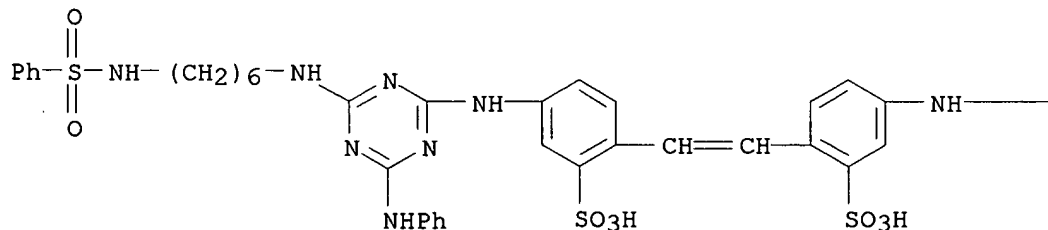
PAGE 1-B



RN 56125-46-3 CAPLUS

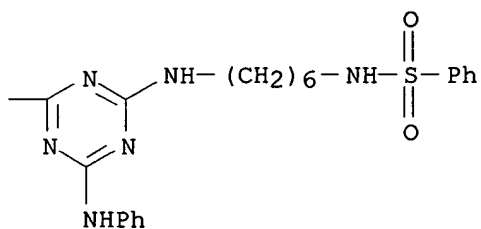
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-(phenylamino)-6-[[6-[(phenylsulfonyl)amino]hexyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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●2 Na

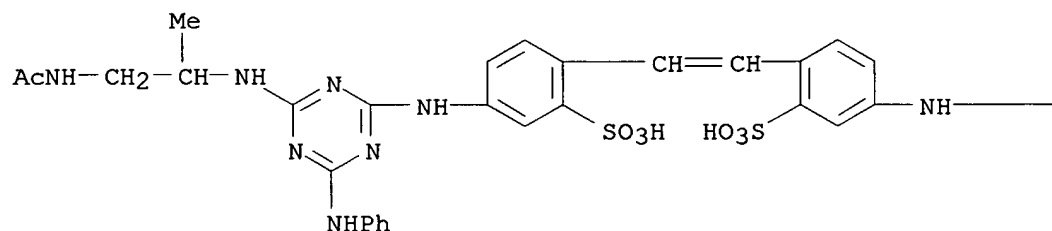
PAGE 1-B



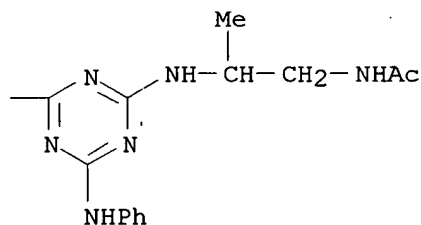
RN 56190-23-9 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[2-(acetylamino)-1-methylethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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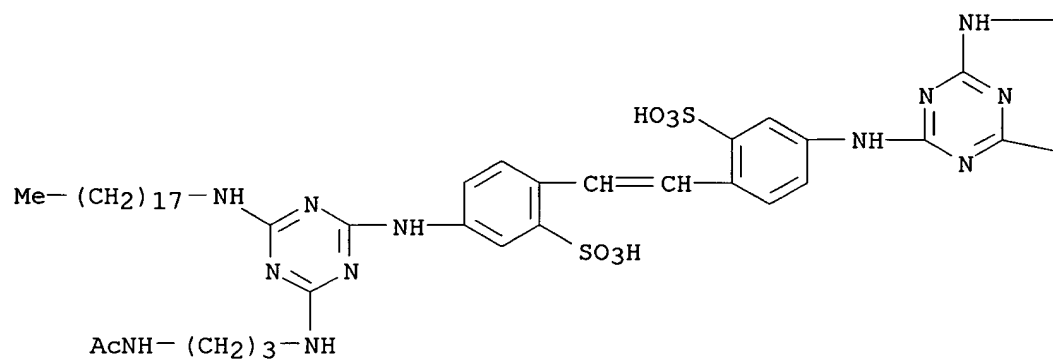
PAGE 1-B



RN 56190-24-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-(octadecylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

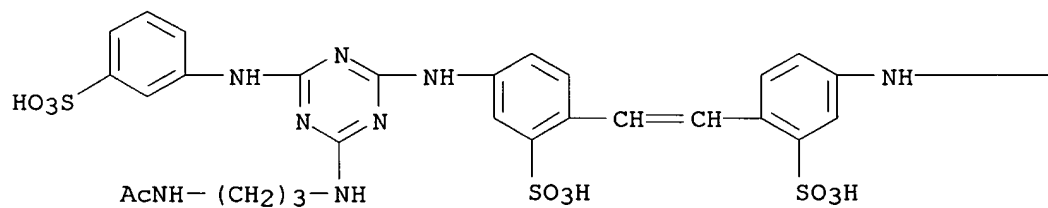
PAGE 1-B

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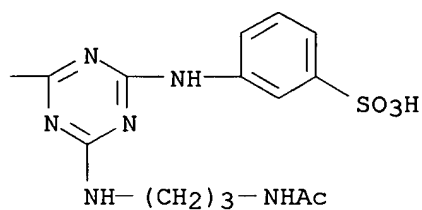
RN 56190-25-1 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylamino)propyl]amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

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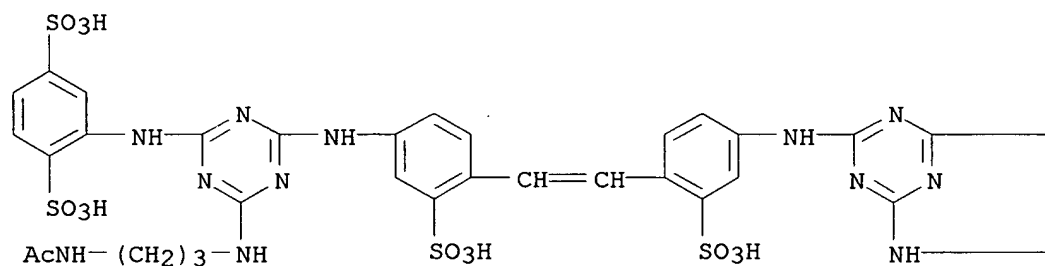


● 4 Na

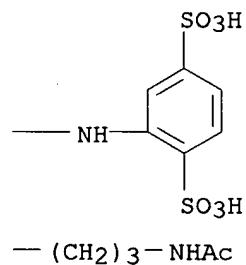


RN 56190-26-2 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[[3-(acetylamino)propyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)



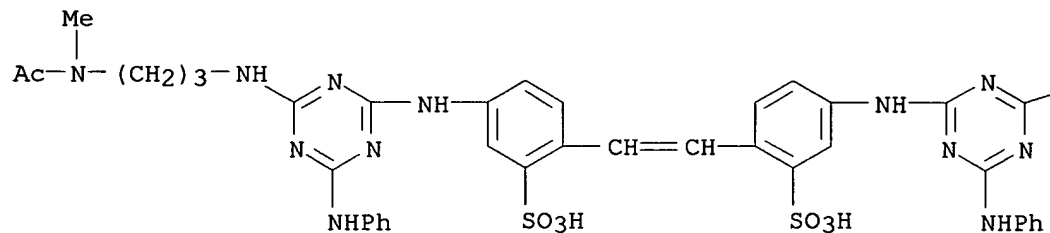
● 6 Na



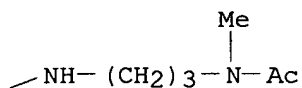
RN 56190-28-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-(acetylmethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

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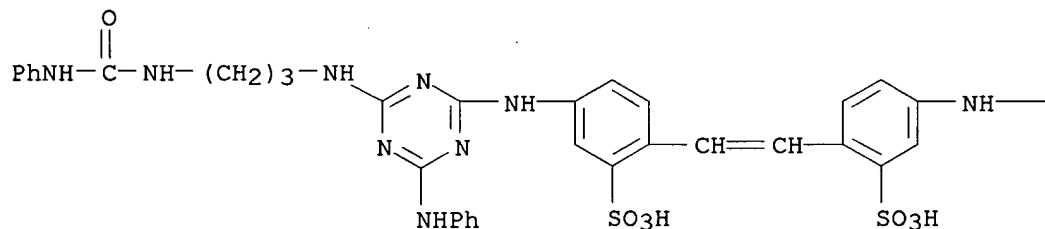
IT 56125-32-7P 56125-47-4P

RL: IMF (Industrial manufacture); PREP (Preparation)
(preparation of)

RN 56125-32-7 CAPLUS

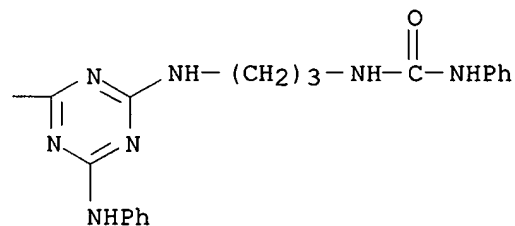
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-(phenylamino)-6-[[3-
[[(phenylamino)carbonyl]amino]propyl]amino]-1,3,5-triazin-2-yl]amino]-,
disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

PAGE 1-B

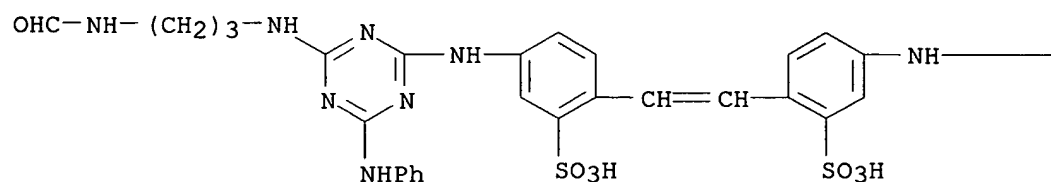


RN 56125-47-4 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[3-

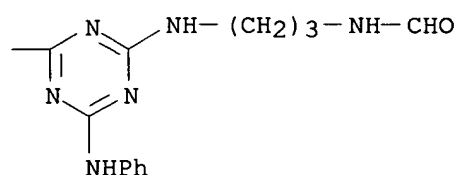
(formylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-,
disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

PAGE 1-B



L4 ANSWER 58 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1975:18629 CAPLUS
DN 82:18629
TI Stilbene fluorescent whiteners
IN Balzer, Hans; Fleck, Fritz; Schmid, Hans Rudolf
PA Sandoz Ltd.
SO Ger. Offen., 39 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2406883	A1	19740822	DE 1974-2406883	19740213
	DE 2406883	B2	19810122		
	DE 2406883	C3	19820128		
	CH 597204	A	19780331	CH 1973-2326	19730216
	US 3970647	A	19760720	US 1974-441376	19740211
	GB 1455605	A	19761117	GB 1974-6124	19740211
	NL 7401881	A	19740820	NL 1974-1881	19740212
	NL 157598	B	19780815		
	JP 49114629	A2	19741101	JP 1974-17218	19740214
	DD 110877	C	19750112	DD 1974-176552	19740214
	AU 7465616	A1	19750814	AU 1974-65616	19740214
	ES 423251	A1	19761016	ES 1974-423251	19740214
	CS 177163	P	19770729	CS 1974-1073	19740214
	BE 811137	A4	19740816	BE 1974-141008	19740215
	BR 7401117	A0	19741105	BR 1974-1117	19740215
	ZA 7401019	A	19750924	ZA 1974-1019	19740215
	PL 90717	P	19770131	PL 1974-168849	19740215
	CA 1023357	A1	19771227	CA 1974-192616	19740215

SU 633479	D	19781115	SU 1974-2002050	19740215
FR 2218336	A1	19740913	FR 1974-5401	19740218
IT 1013055	A	19770330	IT 1974-48447	19740219
IN 143127	A	19771008	IN 1975-CA235	19750210
PRAI CH 1973-2326	A	19730216		

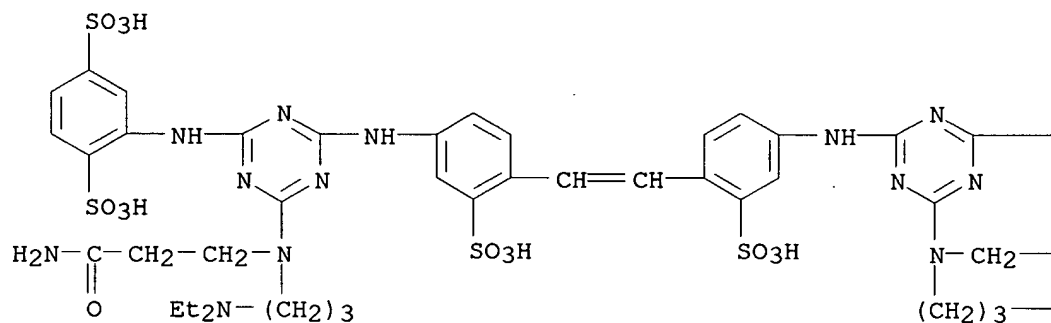
IT 53499-88-0P 53499-90-4P

RL: IMF (Industrial manufacture); PREP (Preparation)
(preparation of)

RN 53499-88-0 CAPLUS

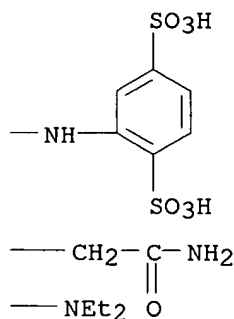
CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-amino-3-oxopropyl)[3-(diethylamino)propyl]amino]-1,3,5-triazine-4,2-diyl]]bis-, hexasodium salt (9CI) (CA INDEX NAME)

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● 6 Na

PAGE 1-B



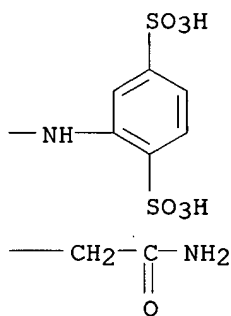
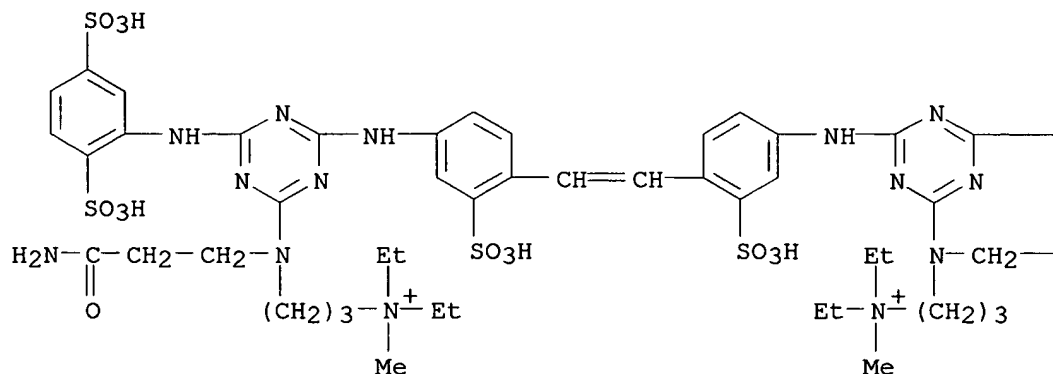
RN 53499-90-4 CAPLUS

CN 1-Propanaminium, 3,3'-[1,2-ethenediylbis[(3-amino-4,1-phenylene)imino[6-[(2,5-disulfophenyl)amino]-1,3,5-triazine-4,2-diyl][(3-amino-3-oxopropyl)imino]]]bis[N,N-diethyl-N-methyl-, bis(methyl sulfate) (9CI) (CA INDEX NAME)

CM 1

CRN 53499-89-1

CMF C54 H74 N16 O20 S6



CM 2

CRN 21228-90-0

CMF C H3 O4 S

Me-O-SO₃⁻

L4 ANSWER 59 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1974:523286 CAPLUS

DN 81:123286

TI Fluorescent whitener compositions

IN Kissling, Bruno; Pummer, Helmut

PA Sandoz Ltd.

SO Patentschrift (Switz.), 13 pp.

CODEN: SWXXAS

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	CH 548484	A	19740430	CH 1970-12387	19700819

10/508,444

PRAI CH 1970-12387

A

19700819

IT **37515-77-8**

RL: USES (Uses)

(fluorescent brightening composition containing kaolin, poly(ether amine)

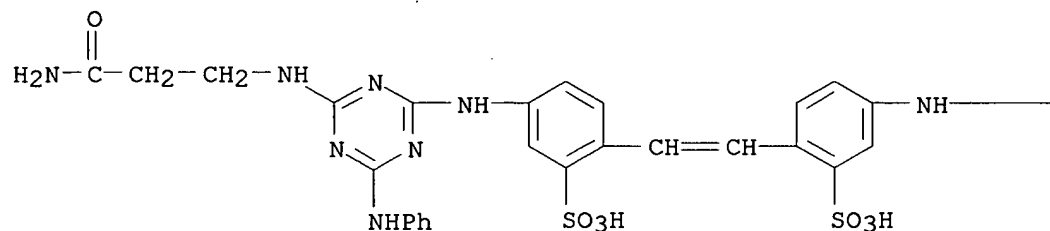
and,

for paper)

RN 37515-77-8 CAPLUS

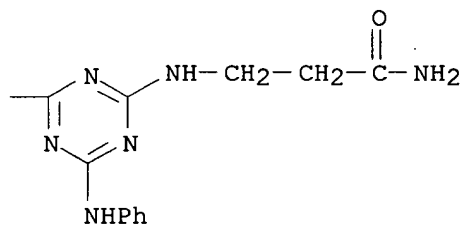
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

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L4 ANSWER 60 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1972:516059 CAPLUS

DN 77:116059

TI Fluorescent whiteners

IN Hell, Peter Matthias; Scheuermann, Horst

PA Badische Anilin- & Soda-Fabrik AG

SO Ger. Offen., 11 pp.

CODEN: GWXXBX

DT Patent

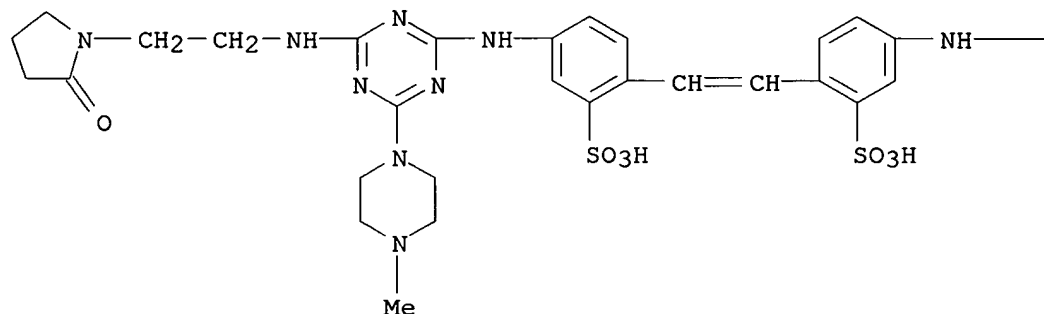
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2056195	A	19720525	DE 1970-2056195	19701116
PRAI	DE 1970-2056195	A	19701116		
IT	38213-93-3P				
	RL: IMF (Industrial manufacture); PREP (Preparation)				
	(preparation of)				
RN	38213-93-3 CAPLUS				

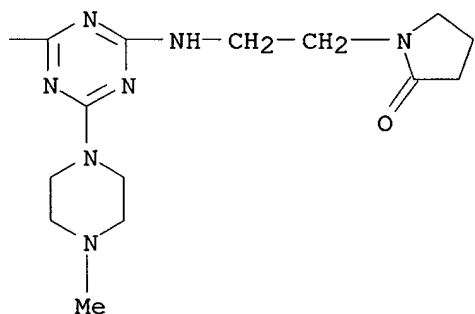
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-(4-methyl-1-piperazinyl)-6-[[2-(2-oxo-1-pyrrolidiny)ethyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

PAGE 1-B



L4 ANSWER 61 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1972:503589 CAPLUS
 DN 77:103589
 TI Clay-fluorescent whitener preparations for paper
 IN Kissling, Bruno; Pummer, Helmut
 PA Sandoz Ltd.
 SO Patentschrift (Switz.), 8 pp.
 CODEN: SWXXAS
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CH 522082	A	19720430	CH 1969-522082	19690912
	US 3684728	A	19720815	US 1970-71334	19700911
	GB 1294514	A	19721101	GB 1970-1294514	19700911
PRAI	CH 1969-13802	A	19690912		
	CH 1970-10733	A	19700715		

IT 27344-06-5 37515-77-8

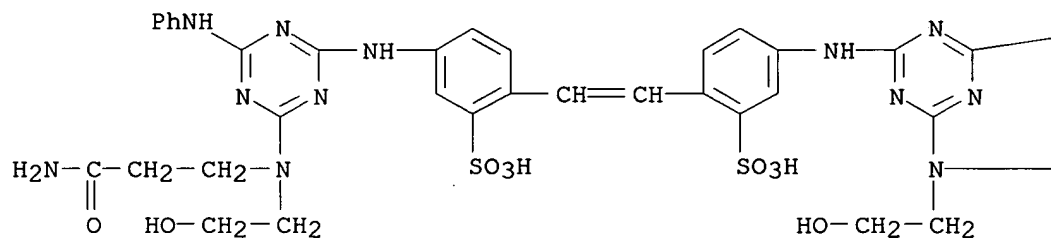
RL: USES (Uses)

(fluorescent brighteners, containing kaolin and poly(amide-amine), for paper)

RN 27344-06-5 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

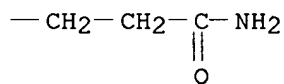
PAGE 1-A



● 2 Na

PAGE 1-B

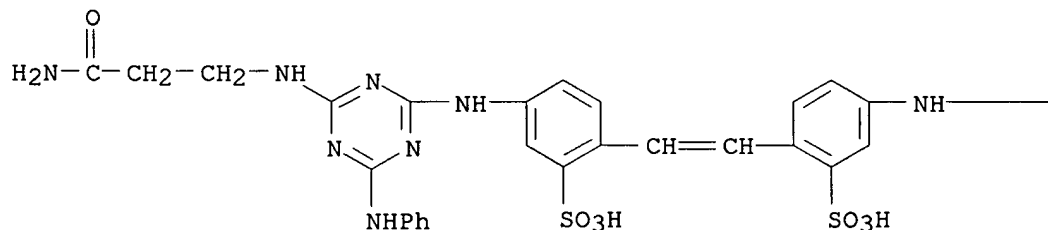
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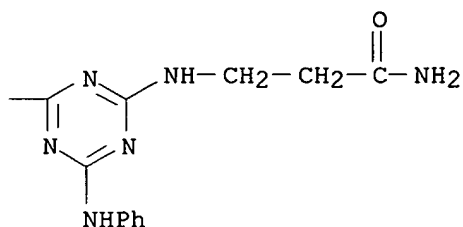
RN 37515-77-8 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A

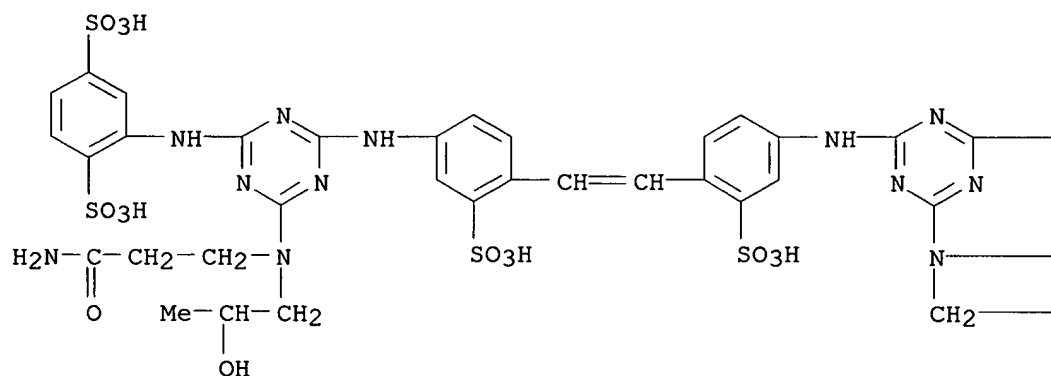


● 2 Na

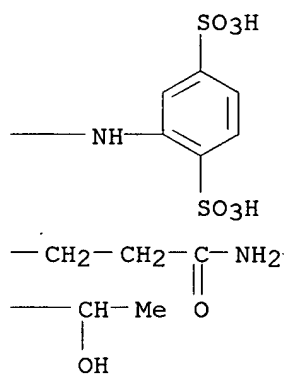


L4 ANSWER 62 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1972:463352 CAPLUS
 DN 77:63352
 TI Fluorescent-whitening bis(triazinylamino)stilbenesulfonic acids
 IN Fleck, Fritz; Schmid, Hans Rudolf
 PA Sandoz Ltd.
 SO Ger. Offen., 37 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2145384	A	19720330	DE 1971-2145384	19710910
	DE 2145384	B2	19800814		
	DE 2145384	C3	19810611		
	CH 539641	A	19730914	CH 1970-13721	19700916
	IT 942451	A	19730320	IT 1971-69954	19710907
	BE 772543	A1	19720117	BE 1971-108114	19710913
	ES 395057	A1	19741116	ES 1971-395057	19710914
	JP 54026572	B4	19790905	JP 1971-71636	19710914
	NL 7112658	A	19720320	NL 1971-12658	19710915
	NL 157597	B	19780815		
	FR 2107684	A5	19720505	FR 1971-33196	19710915
	BR 7106042	A0	19730410	BR 1971-6042	19710915
	GB 1313469	A	19730411	GB 1971-42930	19710915
	DD 101158	C	19731020	DD 1971-157738	19710915
	CA 972365	A1	19750805	CA 1971-122879	19710915
	US 4252604	A	19810224	US 1977-829241	19770830
PRAI	CH 1970-13721	A	19700916		
	CH 1970-17875	A	19701203		
	US 1971-175761	A1	19710827		
	US 1973-411484	A1	19731031		
IT	35325-43-0P 35325-44-1P 37430-68-5P				
	37430-69-6P				
	RL: IMF (Industrial manufacture); PREP (Preparation)				
	(preparation of)				
RN	35325-43-0 CAPLUS				
CN	1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-amino-3-oxopropyl)(2-hydroxypropyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)				

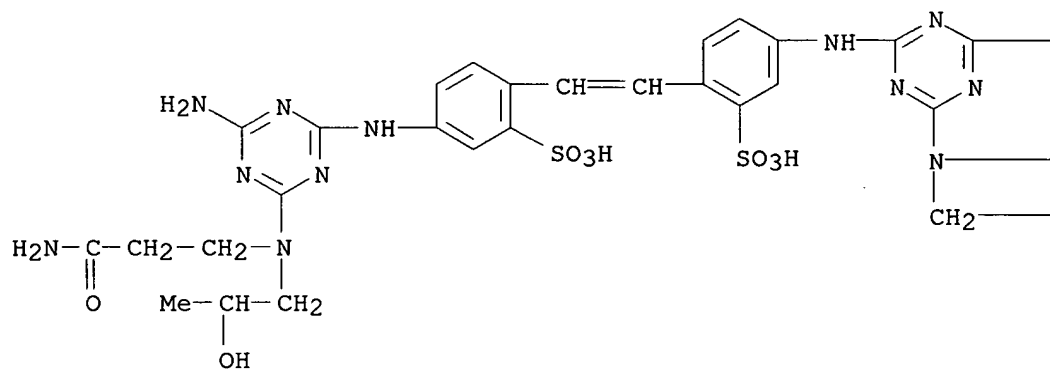


● 6 Na

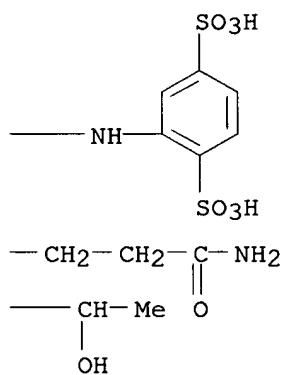


RN 35325-44-1 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2-[[4-[[4-[2-[4-[[4-amino-6-[(3-amino-3-oxopropyl) (2-hydroxypropyl) amino]-1,3,5-triazin-2-yl] amino]-2-sulfophenyl] ethenyl]-3-sulfophenyl] amino]-6-[(3-amino-3-oxopropyl) (2-hydroxypropyl) amino]-1,3,5-triazin-2-yl] amino]-, tetrasodium salt (9CI)
(CA INDEX NAME)

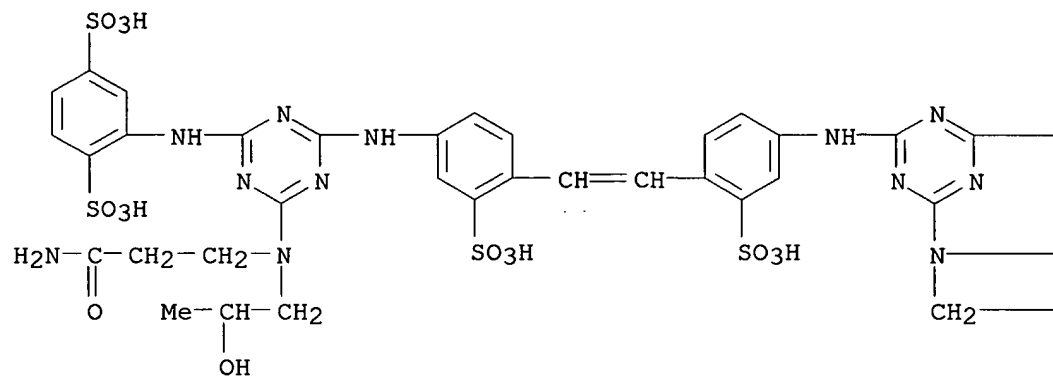


● 4 Na

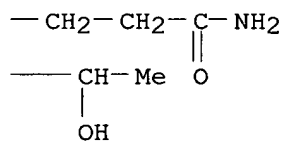
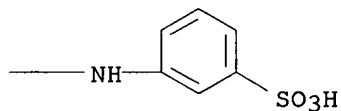


RN 37430-68-5 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2-[[4-[(3-amino-3-oxopropyl) (2-hydroxypropyl) amino]-6-[[4-[2-[4-[[4-[(3-amino-3-oxopropyl) (2-hydroxypropyl) amino]-6-[(3-sulfophenyl) amino]-1,3,5-triazin-2-yl] amino]-2-sulfophenyl] ethenyl]-3-sulfophenyl] amino]-1,3,5-triazin-2-yl] amino]-, pentasodium salt (9CI) (CA INDEX NAME)

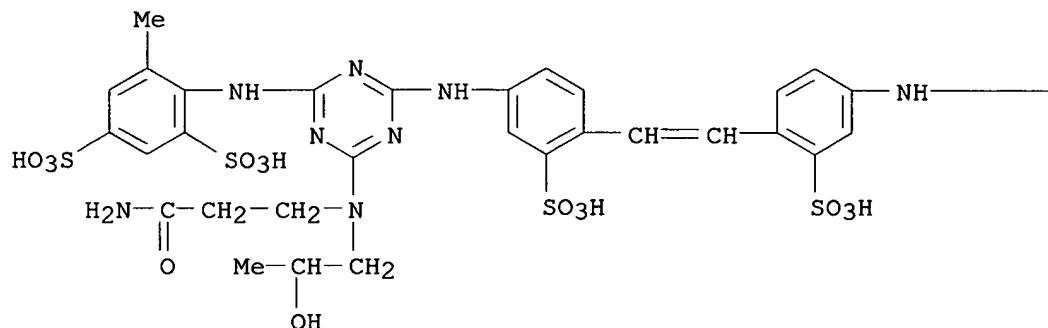


● 5 Na

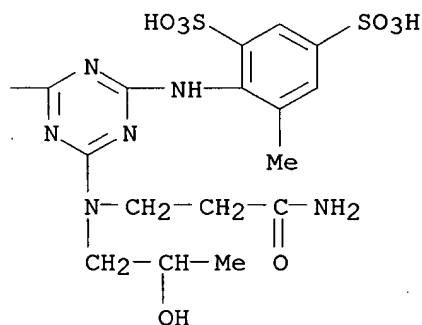


RN 37430-69-6 CAPLUS

CN 1,3-Benzenedisulfonic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-amino-3-oxopropyl)(2-hydroxypropyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-methyl-, hexasodium salt (9CI) (CA INDEX NAME)



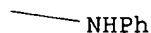
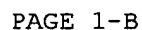
● 6 Na



L4 ANSWER 63 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1971:499257 CAPLUS
 DN 75:99257
 TI Stilbene compounds as fluorescent whiteners
 IN Balzer, Hans; Fleck, Fritz; Schmid, Hans Rudolf
 PA Sandoz Ltd.
 SO Ger. Offen., 56 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

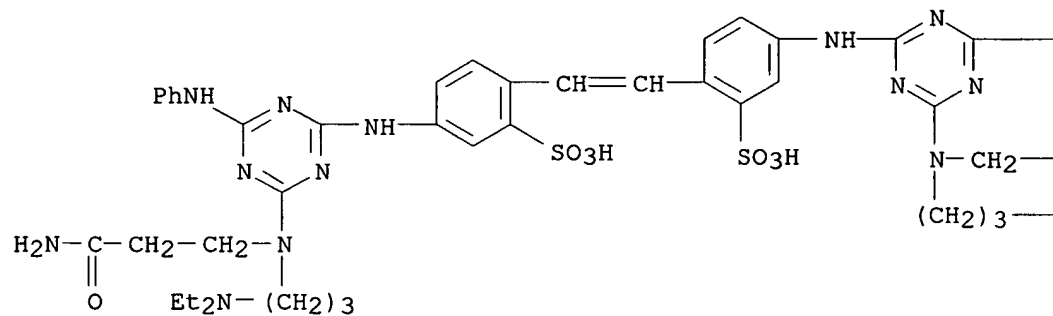
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2060085	A	19710616	DE 1970-2060085	19701207
	CH 529770	A	19721031	CH 1969-529770	19691211
	US 3757010	A	19730904	US 1970-95935	19701207
	ES 386268	A1	19740101	ES 1970-386268	19701209
	NL 7018032	A	19710615	NL 1970-18032	19701210
	FR 2073529	A5	19711001	FR 1970-44483	19701210
	GB 1299120	A	19721206	GB 1970-1299120	19701210
	JP 52007011	B4	19770226	JP 1970-110044	19701210
	ZA 7008379	A	19720726	ZA 1970-8379	19701211

	JP 49024127	B4	19740620	JP 1972-112819	19721110
PRAI	CH 1969-18425	A	19691211		
IT	32892-88-9P 33763-21-2P 33799-89-2P				
	33909-80-7P				
	RL: IMF (Industrial manufacture); PREP (Preparation)				
	(preparation of)				
RN	32892-88-9	CAPLUS			
CN	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl)[3-(diethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)				



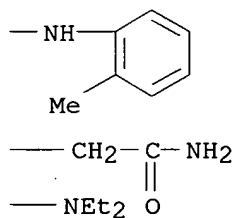
RN	33763-21-2	CAPLUS
CN	Benzenesulfonic acid, 5-[[4-[(3-amino-3-oxopropyl)[3-(diethylamino)propyl]amino]-6-[(2-methylphenyl)amino]-1,3,5-triazin-2-yl]amino]-2-[2-[4-[[4-[(3-amino-3-oxopropyl)[3-(diethylamino)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]-, disodium salt (9CI) (CA INDEX NAME)	

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● 2 Na

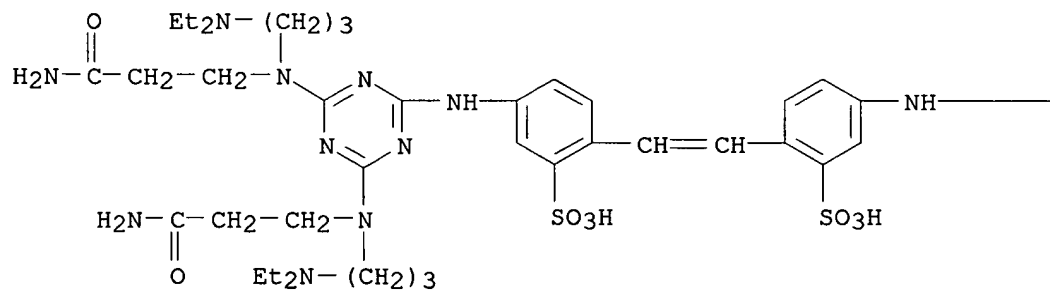
PAGE 1-B



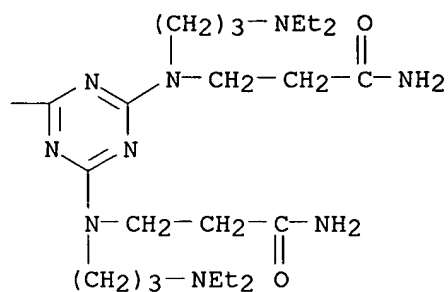
RN 33799-89-2 CAPLUS

CN. Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4,6-bis[(3-amino-3-oxopropyl)[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A

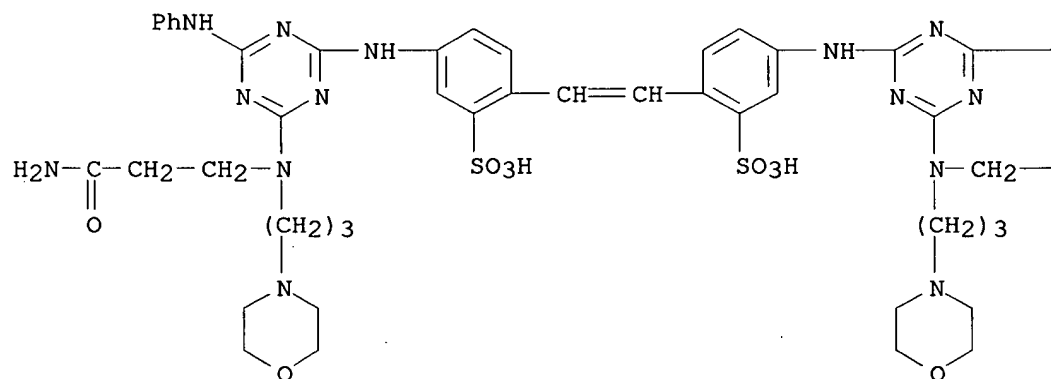


● 2 Na

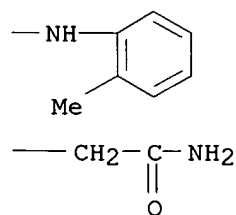


RN 33909-80-7 CAPLUS

CN Benzenesulfonic acid, 5-[[4-[(3-amino-3-oxopropyl)[3-(4-morpholinyl)propyl]amino]-6-[(2-methylphenyl)amino]-1,3,5-triazin-2-yl]amino]-2-[2-[4-[[4-[(3-amino-3-oxopropyl)[3-(4-morpholinyl)propyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]-, disodium salt (9CI) (CA INDEX NAME)



● 2 Na



TI p,p'-Bis[4-(β-carbamoylethylamino)-s-triazin-2-ylamino]stilbenes as
fluorescent whitening agents

IN Loffelman, Frank F.; Konzelman, Leroy M.

PA American Cyanamid Co.

SO Ger. Offen., 25 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1963065	A	19700702	DE 1969-1963065	19691216
	US 3600385	A	19710817	US 1968-784250	19681216
	GB 1247765	A	19710929	GB 1969-1247765	19691111
	NL 6917378	A	19700618	NL 1969-17378	19691119
	FR 2026248	A5	19700918	FR 1969-43366	19691215
	ES 374599	A1	19720401	ES 1969-374599	19691216
	JP 49023287	B4	19740614	JP 1969-101565	19691216
	CH 553794	A	19740913	CH 1969-18749	19691216
PRAI	US 1968-784250	A	19681216		

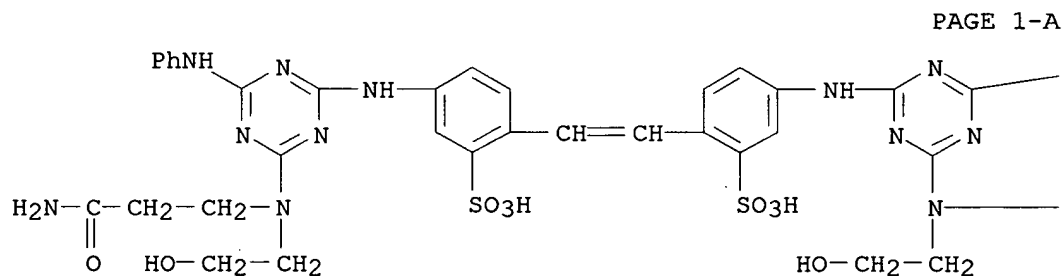
IT **27344-06-5P 29637-52-3P 29637-53-4P**

29637-54-5P 29641-31-4P 29674-90-6P

RL: IMF (Industrial manufacture); PREP (Preparation)
(preparation of)

RN 27344-06-5 CAPLUS

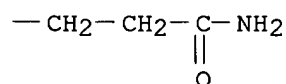
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)



● 2 Na

PAGE 1-B

—NHPh

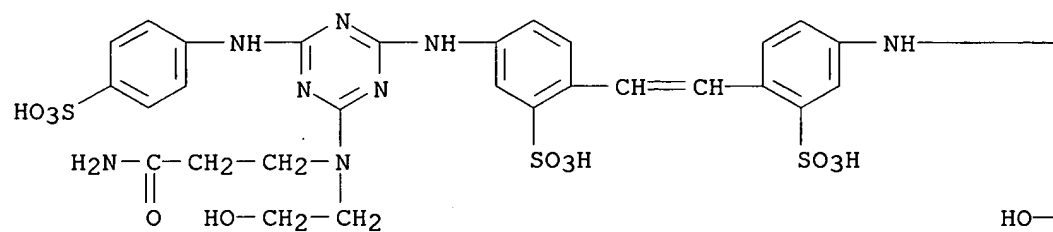


RN 29637-52-3 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-

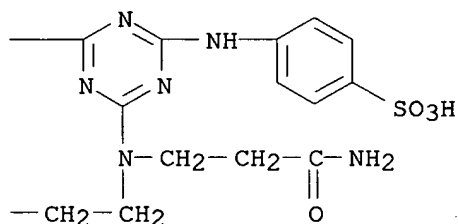
oxopropyl) (2-hydroxyethyl) amino]-6-[(4-sulfophenyl) amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 4 Na

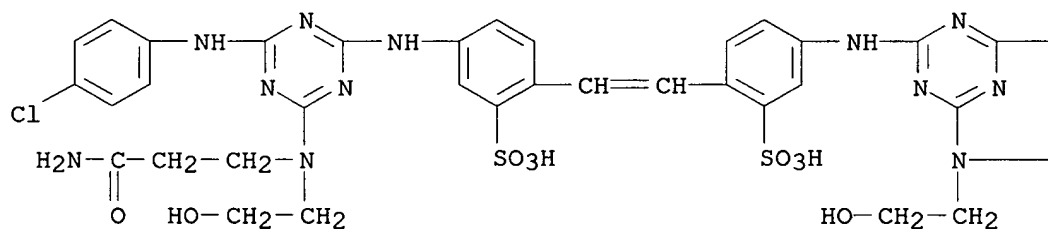
PAGE 1-B



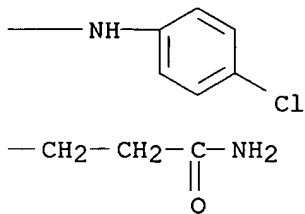
RN 29637-53-4 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[(2-carbamoyl)ethyl] (2-hydroxyethyl) amino]-6-(p-chloroanilino)-s-triazin-2-yl]amino]-, disodium salt (8CI) (CA INDEX NAME)

PAGE 1-A

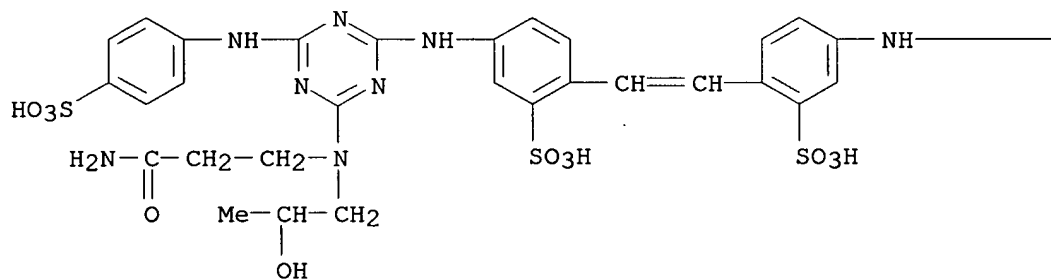


● 2 Na

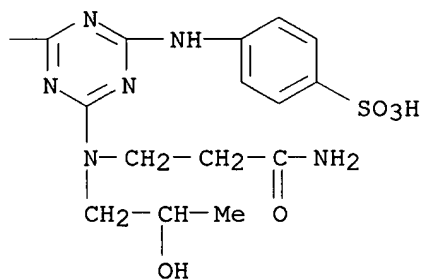


RN 29637-54-5 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[(2-carbamoyl)ethyl] (2-hydroxypropyl)amino]-6-(p-sulfoanilino)-s-triazin-2-yl]amino]-, tetrasodium salt (8CI) (CA INDEX NAME)



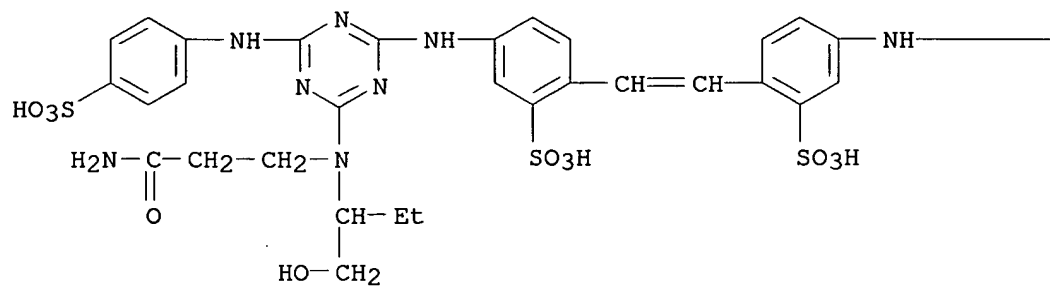
●4 Na



RN 29641-31-4 CAPLUS

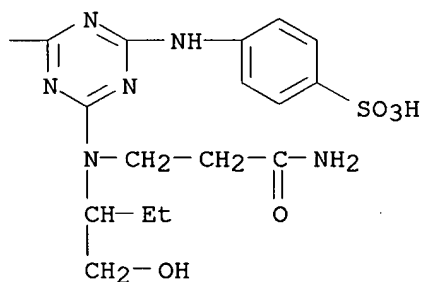
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[(2-carbamoyl)ethyl] [1-(hydroxymethyl)propyl]amino]-s-triazin-2-yl]amino]-, tetrasodium salt (8CI) (CA INDEX NAME)

PAGE 1-A



● 4 Na

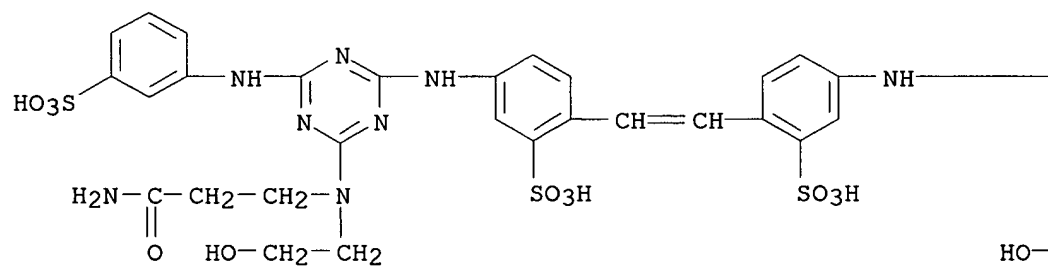
PAGE 1-B



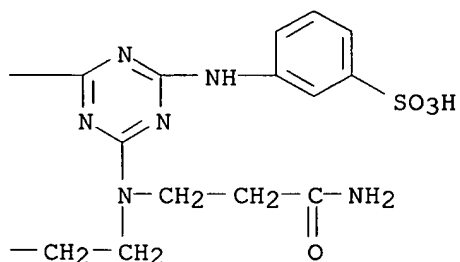
RN 29674-90-6 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[(2-carbamoylethyl)(2-hydroxyethyl)amino]-6-(m-sulfoanilino)-s-triazin-2-yl]amino]-, tetrasodium salt (8CI) (CA INDEX NAME)

PAGE 1-A



● 4 Na



L4 ANSWER 65 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1970:426622 CAPLUS
 DN 73:26622
 TI 4,4'-Bis(s-triazinylamino)-2,2'-stilbenedisulfonate fluorescent whiteners
 IN Lebkuecher, Karl H.; Schnizel, Erich; Nichwitz, Ehrenfried
 PA Farbwerke Hoechst A.-G.
 SO Ger. Offen., 45 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1930307	A	19700212	DE 1969-1930307	19690614
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	DE 1930307	C3	19790315		
	CH 525991	A	19720731	CH 1968-10953	19680722
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	AT 294751	B	19711210	AT 1969-6987	19690721
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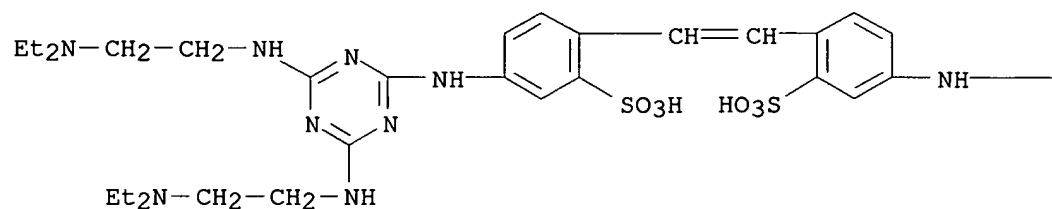
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RL: IMF (Industrial manufacture); PREP (Preparation)
 (preparation of)

RN 25864-73-7 CAPLUS
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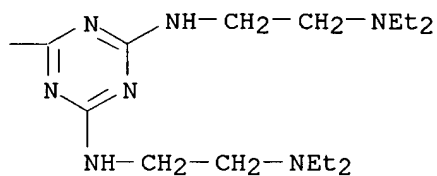
(CA INDEX NAME)

PAGE 1-A



● 2 HCl

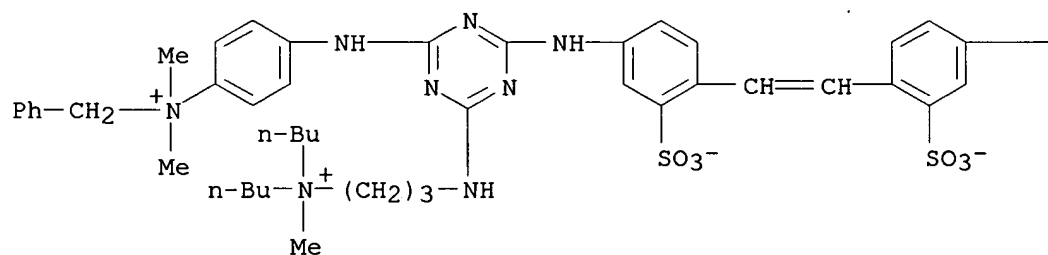
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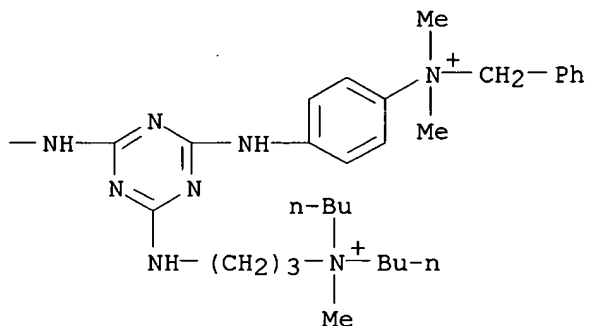


RN 28053-38-5 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[p-(benzyltrimethylammonio)anilino]-s-triazine-4,2-diyl]iminotrimethylene]]bis[dibutylmethyl-, dihydroxide, bis(inner salt), dichloride (8CI) (CA INDEX NAME)

PAGE 1-A

● 2 Cl⁻



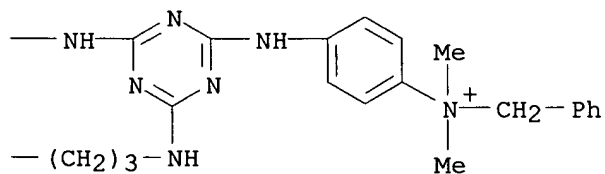
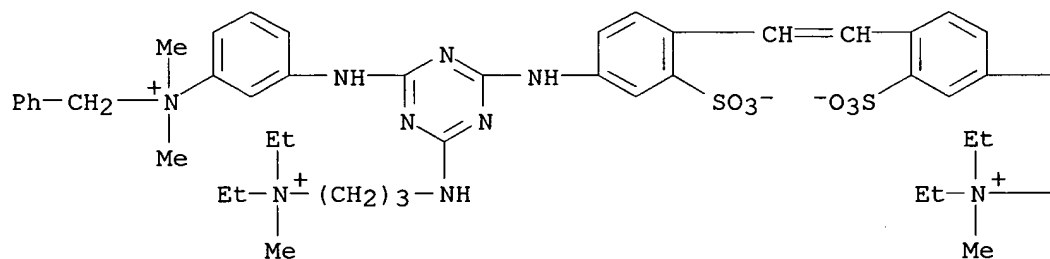
RN 28053-39-6 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[m-(benzyl dimethylammonio)anilino]-s-triazine-4,2-diyl]iminotrimethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt), bis(methyl sulfate) (8CI) (CA INDEX NAME)

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CMF C66 H86 N16 O6 S2



CM 2

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CMF C H3 O4 S

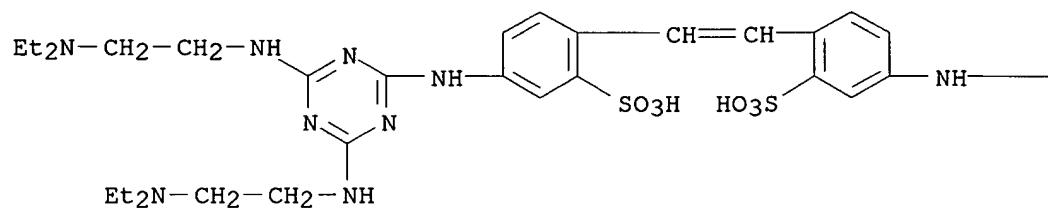
10/508,444

Me-O-SO₃⁻

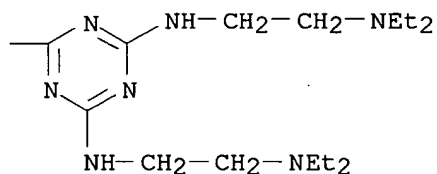
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CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4,6-bis[[2-(diethylamino)ethyl]amino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

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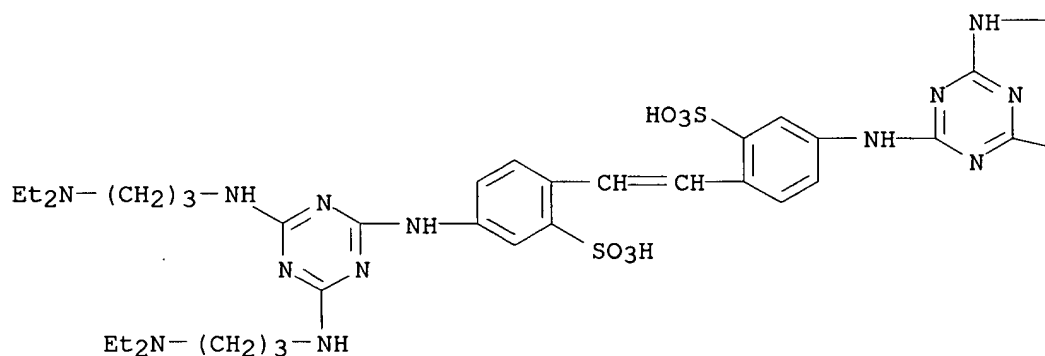
PAGE 1-B

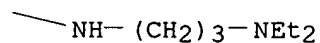
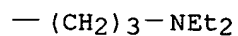


RN 28089-72-7 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4,6-bis[[3-(diethylamino)propyl]amino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

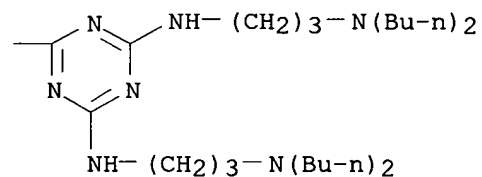
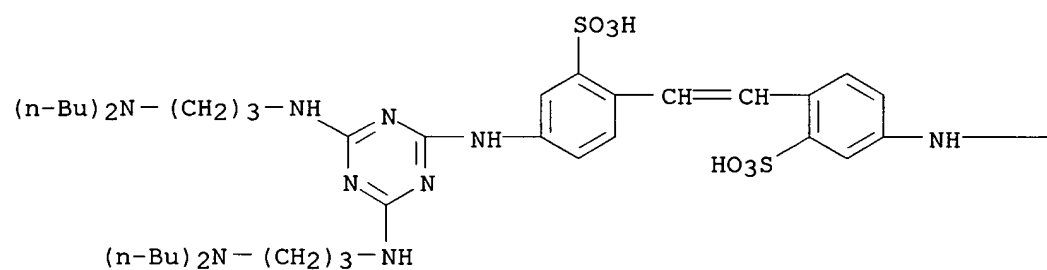
PAGE 1-A





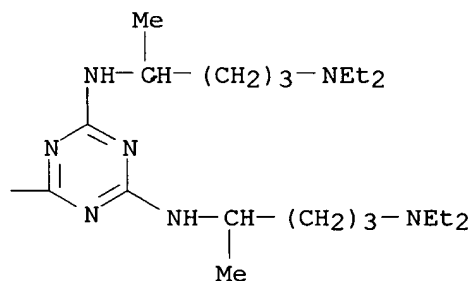
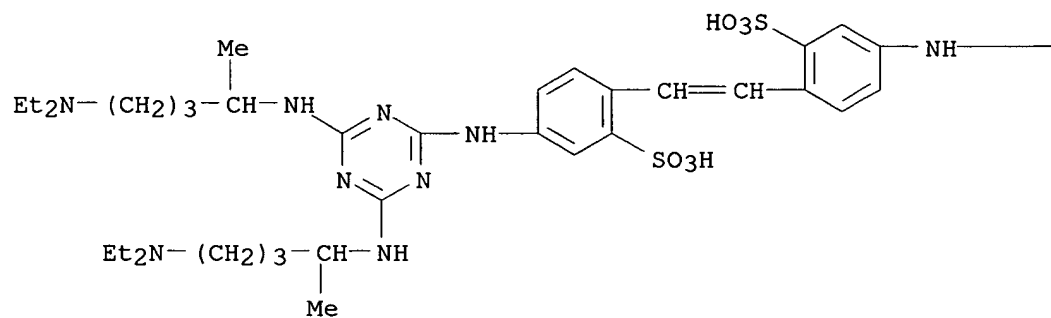
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CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4,6-bis[[3-(dibutylamino)propyl]amino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)



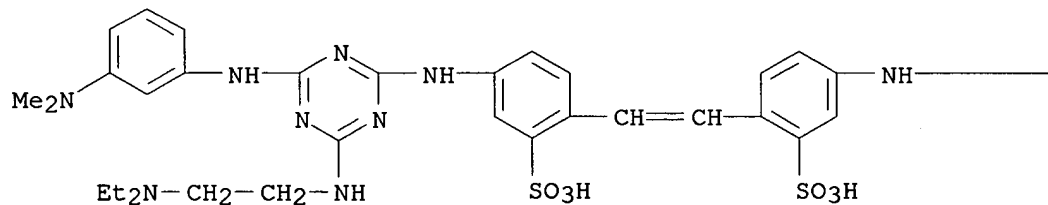
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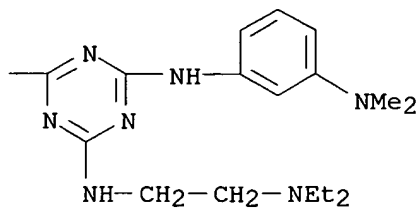
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4,6-bis[[4-(diethylamino)-1-methylbutyl]amino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)



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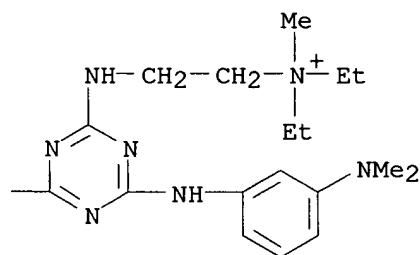
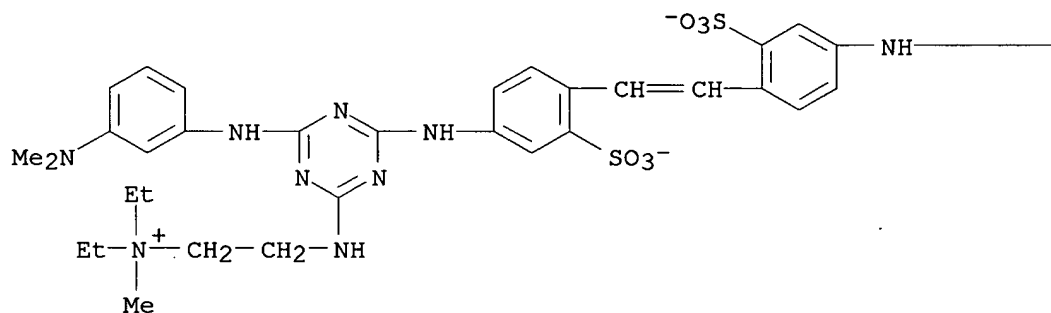
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[[2-(diethylamino)ethyl]amino]-6-[m-(dimethylamino)anilino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)





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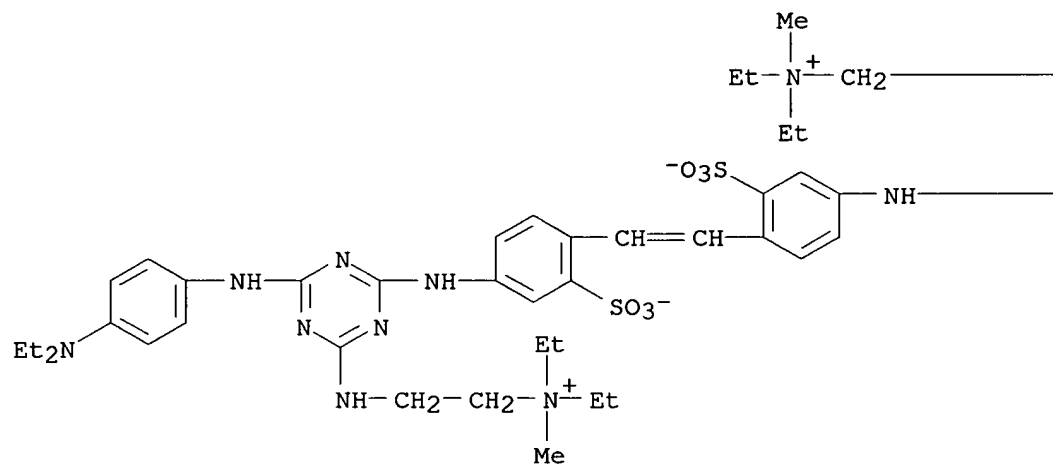
CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[m-(dimethylamino)anilino]-s-triazine-4,2-diyl]iminoethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)



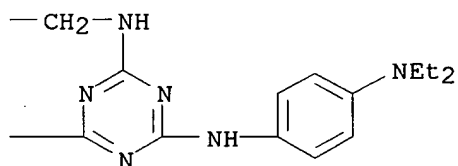
RN 28092-19-5 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[p-(diethylamino)anilino]-s-triazine-4,2-diyl]iminoethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)

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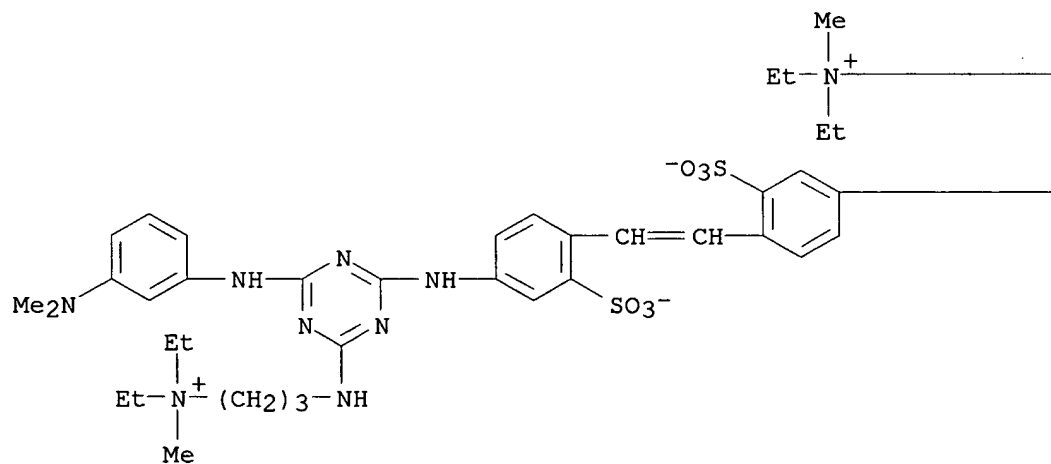
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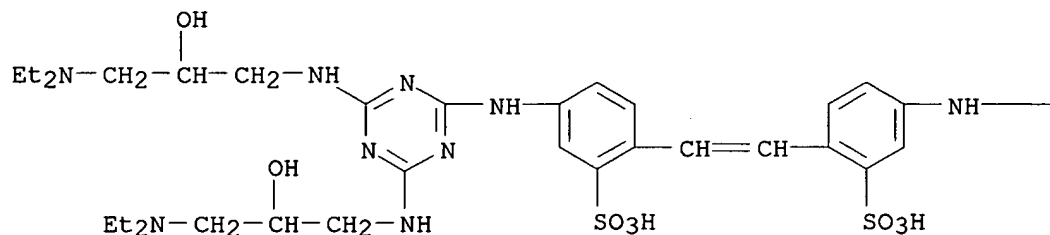
RN 28092-20-8 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[p-(dimethylamino)anilino]-s-triazine-4,2-diyl]iminotrimethylene]]bis[diethyl methyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)

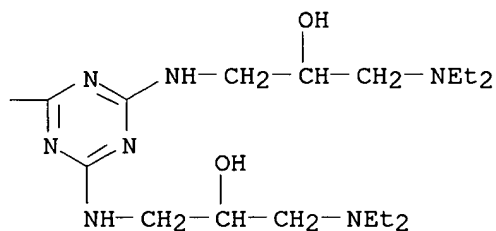
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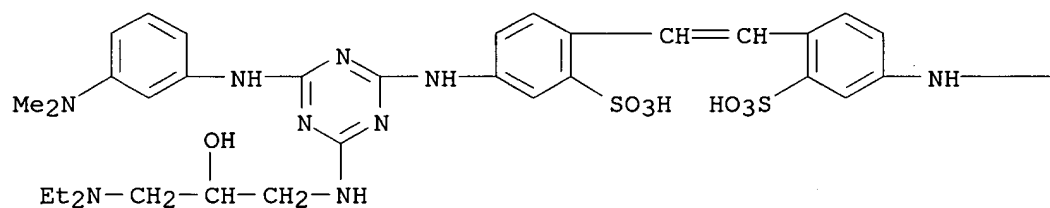
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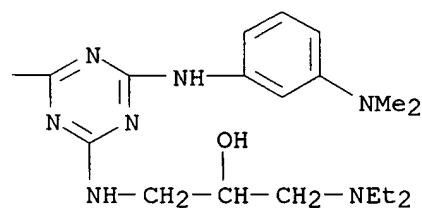
RN 28094-17-9 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[[3-(diethylamino)-2-hydroxypropyl]amino]-6-[m-(dimethylamino)anilino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

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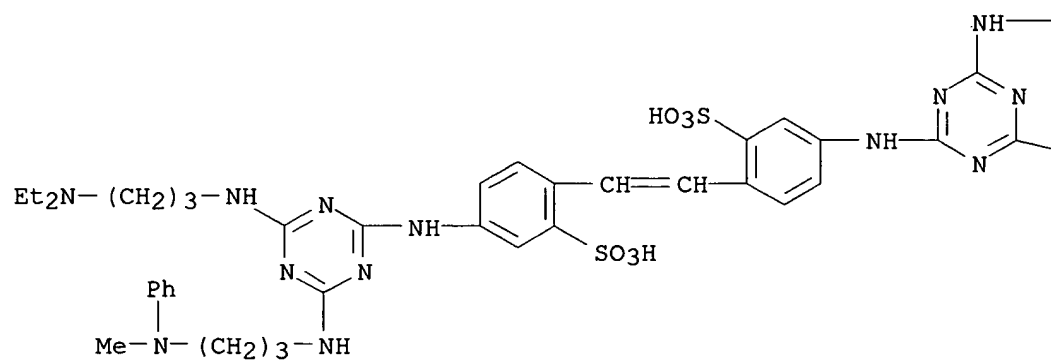
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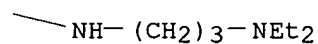
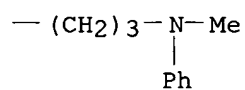
RN 28094-18-0 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[[3-(diethylamino)propyl]amino]-6-[[3-(N-methylanilino)propyl]amino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

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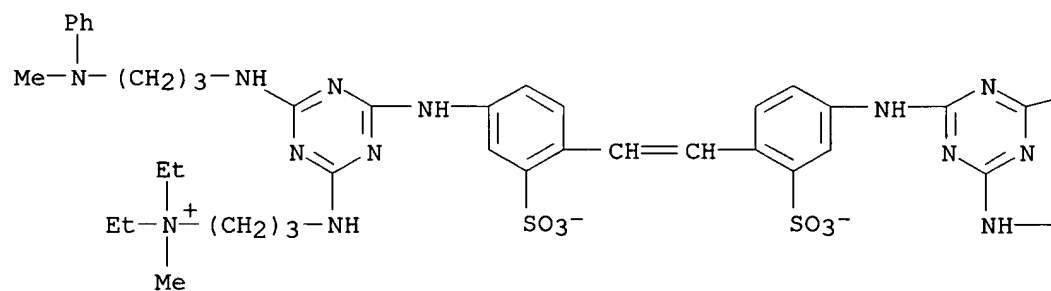
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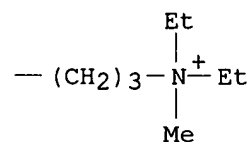
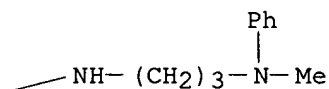
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CN Ammonium, 4,4'-[vinylenebis[(3-sulfo-p-phenylene)imino[6-[[3-(N-methylanilino)propyl]amino]-s-triazine-4,2-diyl]iminotrimethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)

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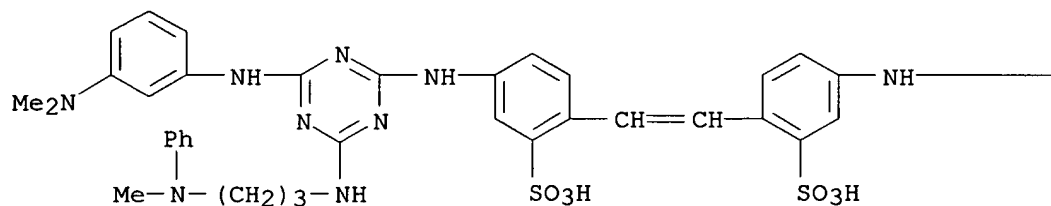
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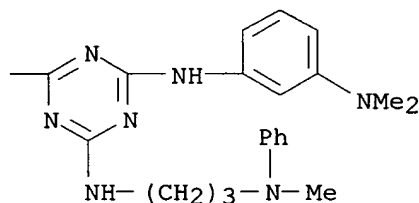
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CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[m-(dimethylamino)anilino]-6-[[3-(N-methylanilino)propyl]amino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

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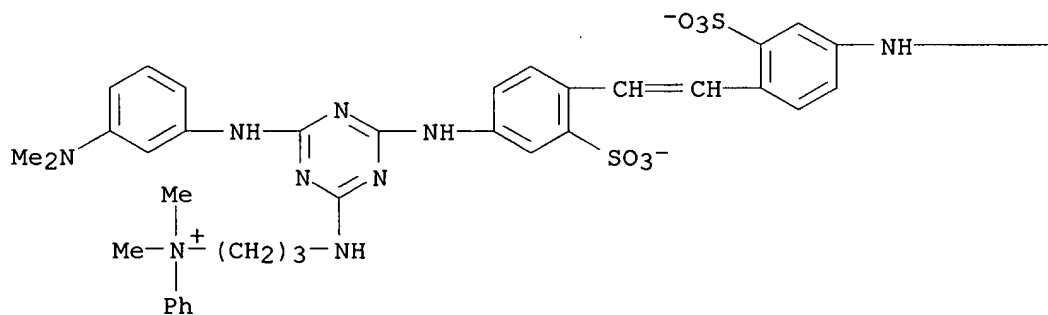
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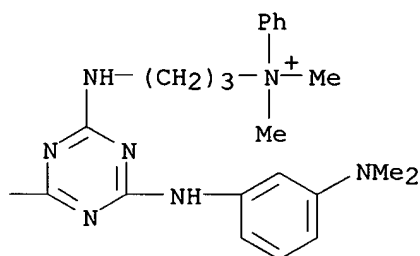


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CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[m-(dimethylamino)anilino]-s-triazine-4,2-diyl]iminotrimethylene]]bis[dimethylphenyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)

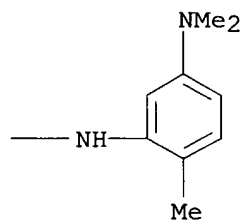
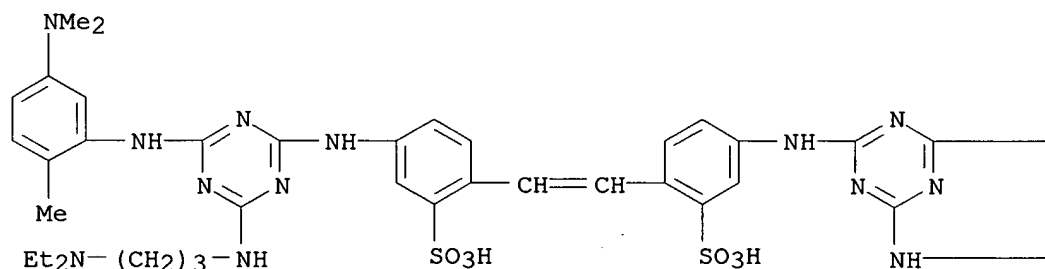
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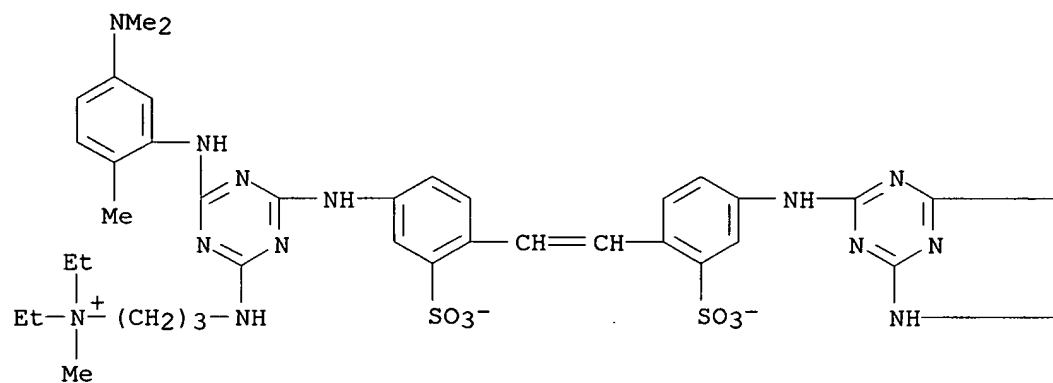
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[[3-(diethylamino)propyl]amino]-6-[5-(dimethylamino)-o-toluidino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

— (CH₂)₃—NEt₂

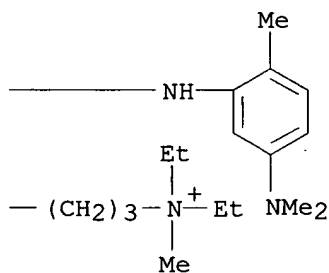
RN 28094-23-7 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[5-(dimethylamino)-o-toluidino]-s-triazine-4,2-diyl]iminotrimethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)

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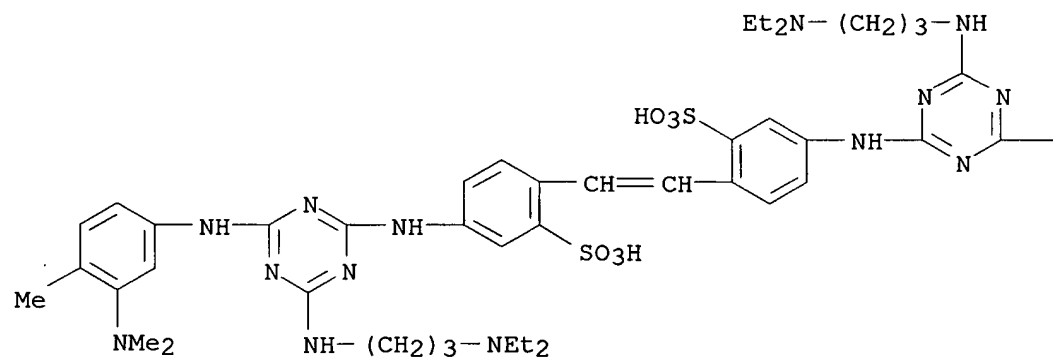
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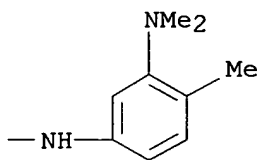


RN 28094-24-8 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[[3-(diethylamino)propyl]amino]-6-[3-(dimethylamino)-p-toluidino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

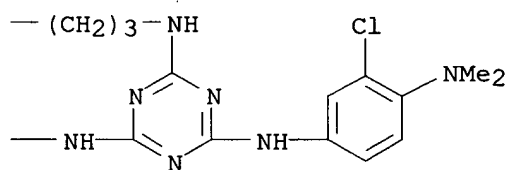
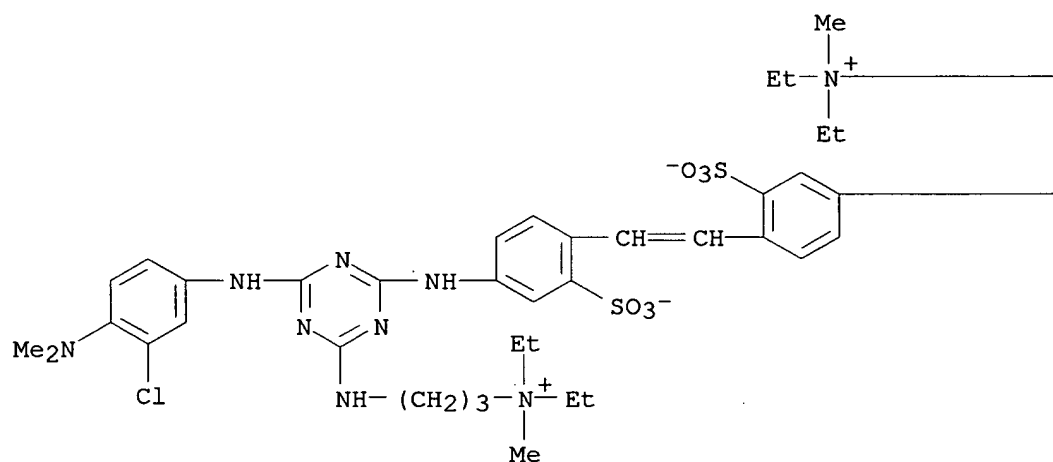
PAGE 1-A





RN 28094-64-6 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[3-chloro-4-(dimethylamino)anilino]-s-triazine-4,2-diyl]iminotrimethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)



RN 28097-31-6 CAPLUS

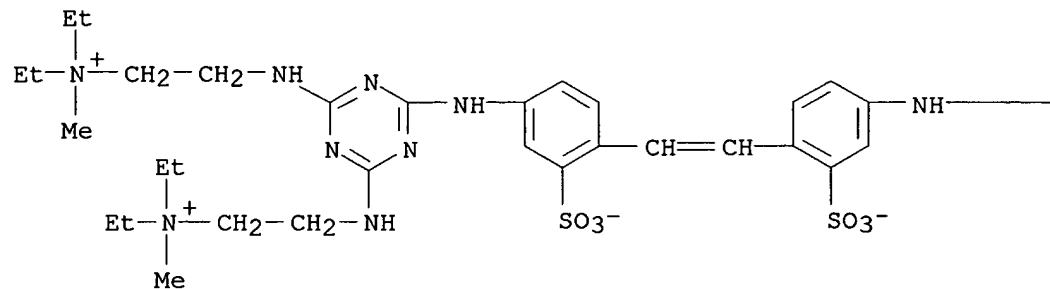
CN Ammonium, [[vinylenebis[(3-sulfo-p-phenylene)imino]-s-triazine-6,2,4-triyl]tetrakis(iminoethylene)]tetrakis[diethylmethyl-, dihydroxide, bis(inner salt), bis(methyl sulfate) (8CI) (CA INDEX NAME)

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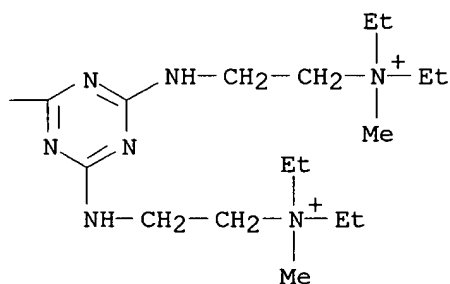
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CMF C48 H82 N16 O6 S2

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CM 2

CRN 21228-90-0

CMF C H3 O4 S

Me-O-SO₃⁻

RN 28097-33-8 CAPLUS

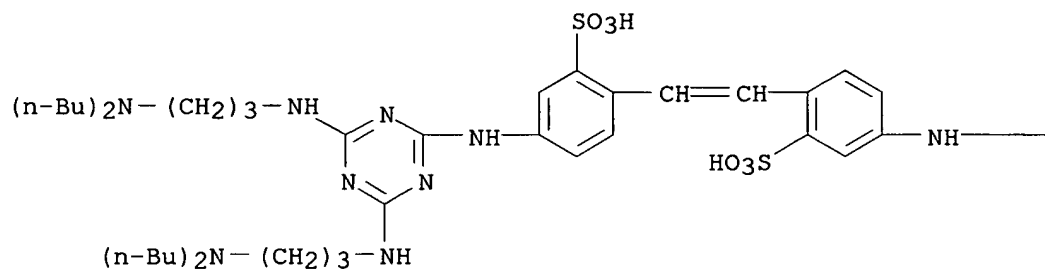
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4,6-bis[[3-(dibutylamino)propyl]amino]-s-triazin-2-yl]amino]-, diformate (8CI) (CA INDEX NAME)

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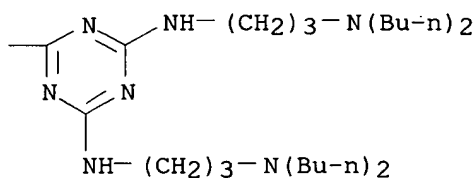
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CMF C64 H112 N16 O6 S2

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CM 2

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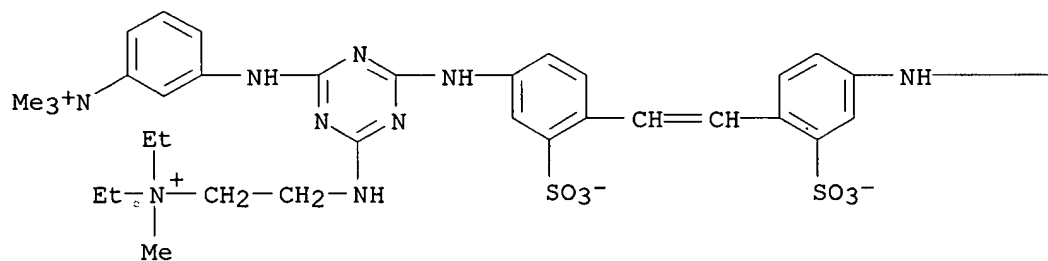
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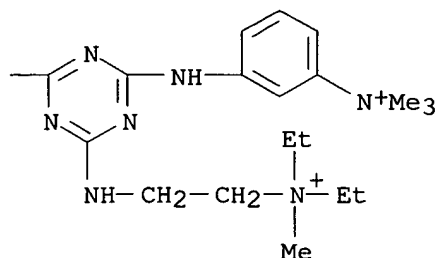
O=CH-OH

RN 28097-34-9 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[m-(trimethylammonio)anilino]-s-triazine-4,2-diyl]iminoethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt), dichloride (8CI) (CA INDEX NAME)

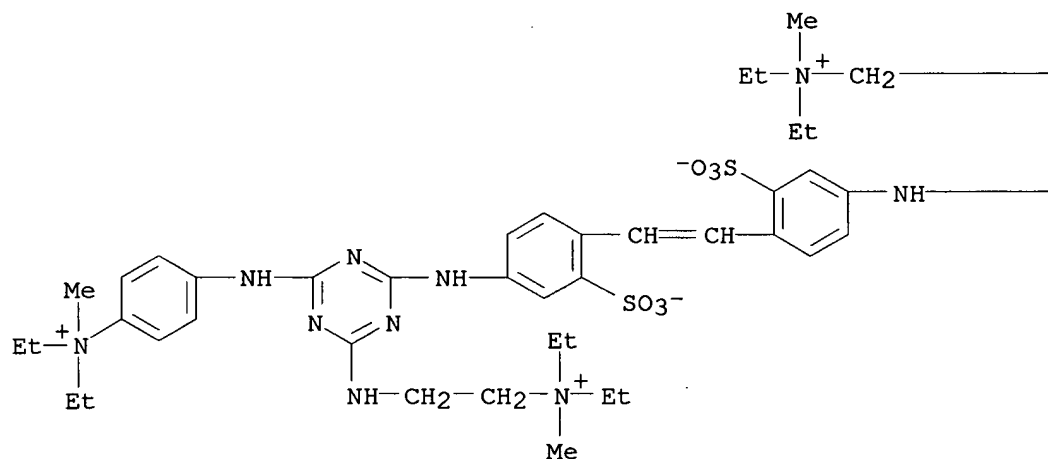
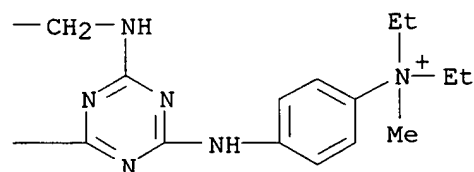
PAGE 1-A





RN 28097-35-0 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[p-(diethylmethylammonio)anilino]-s-triazine-4,2-diyl]iminoethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt), dichloride (8CI) (CA INDEX NAME)

● 2 Cl⁻

RN 28097-36-1 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[m-

10/508,444

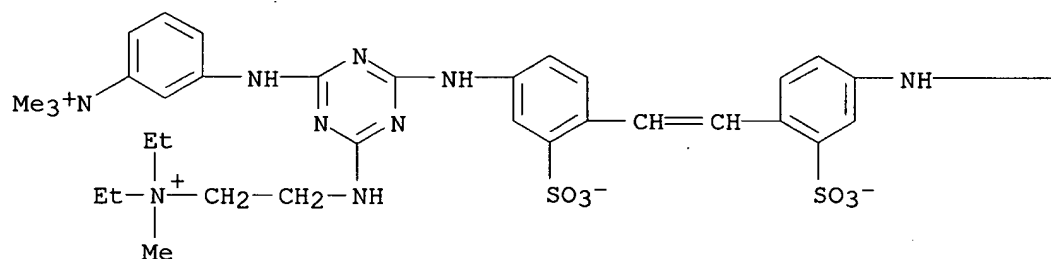
(trimethylammonio)anilino]-s-triazine-4,2-diyl]iminoethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt), bis(methyl sulfate) (8CI) (CA INDEX NAME)

CM 1

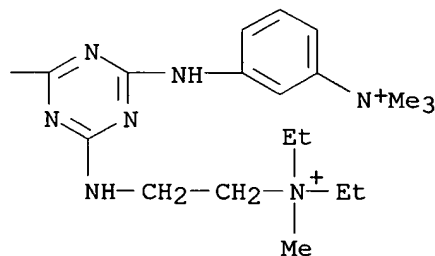
CRN 50570-72-4

CMF C52 H74 N16 O6 S2

PAGE 1-A



PAGE 1-B



CM 2

CRN 21228-90-0

CMF C H3 O4 S

Me-O-SO3-

RN 28097-37-2 CAPLUS

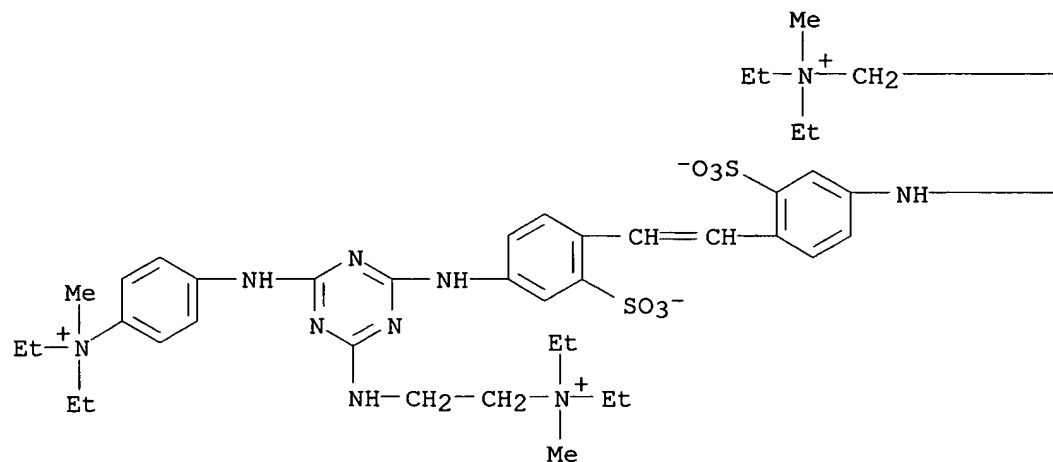
CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[p-(diethylmethylammonio)anilino]-s-triazine-4,2-diyl]iminoethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt), bis(methyl sulfate) (8CI) (CA INDEX NAME)

CM 1

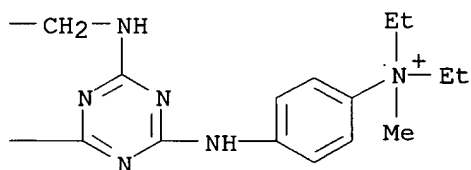
CRN 50570-77-9

CMF C56 H82 N16 O6 S2

PAGE 1-A



PAGE 1-B



CM 2

CRN 21228-90-0

CMF C H3 O4 S

Me-O-SO3⁻

RN 28143-52-4 CAPLUS

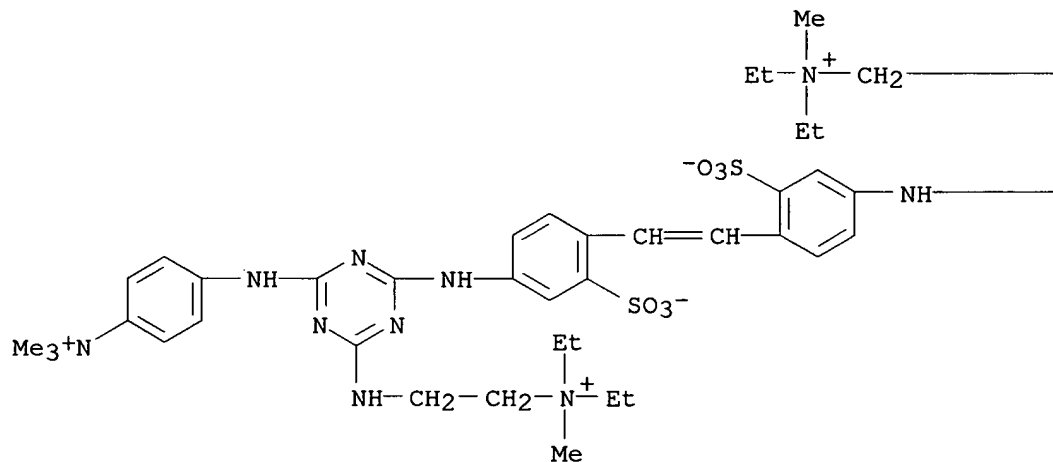
CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[p-(trimethylammonio)anilino]-s-triazine-4,2-diyl]iminoethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt), bis(methyl sulfate) (8CI) (CA INDEX NAME)

CM 1

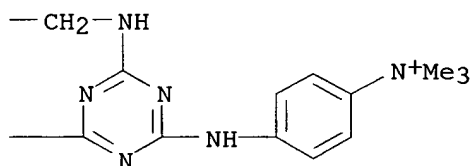
CRN 47917-92-0

CMF C52 H74 N16 O6 S2

PAGE 1-A



PAGE 1-B



CM 2

CRN 21228-90-0

CMF C H3 O4 S

Me-O-SO₃⁻

RN 28143-53-5 CAPLUS

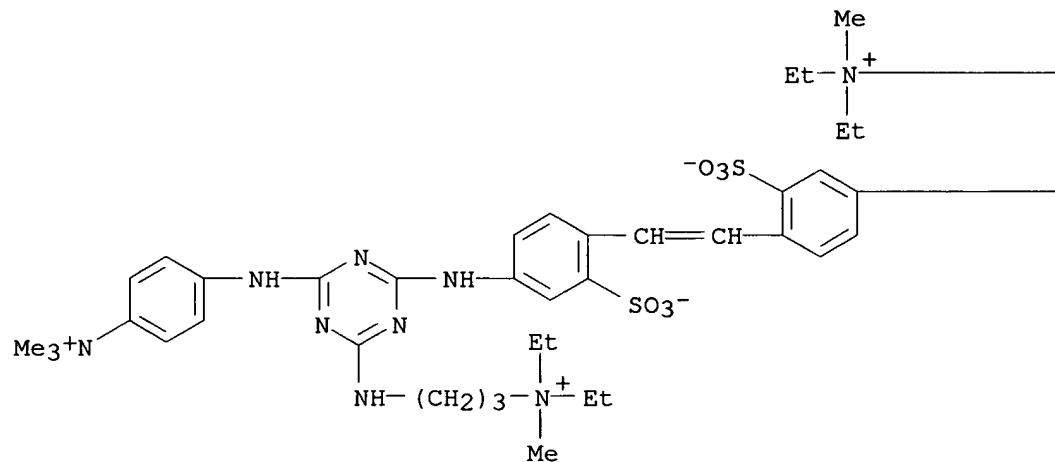
CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[p-(trimethylammonio)anilino]-s-triazine-4,2-diyl]iminotrimethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt), bis(methyl sulfate) (8CI) (CA INDEX NAME)]

CM 1

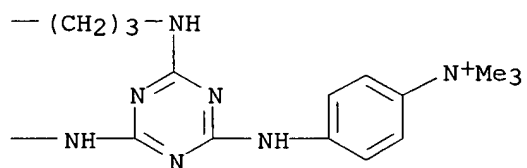
CRN 50570-76-8

CMF C54 H78 N16 O6 S2

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PAGE 1-B



CM 2

CRN 21228-90-0

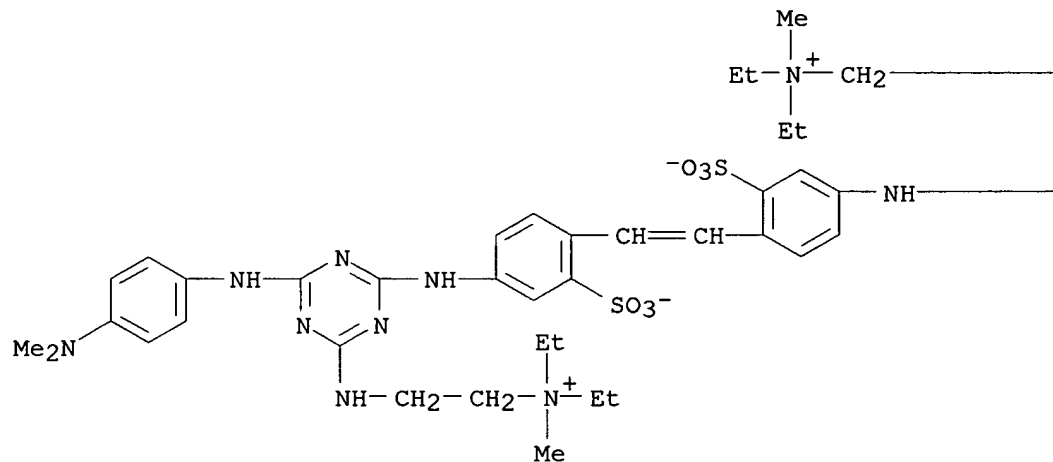
CMF C H3 O4 S

Me⁻ O⁻ SO₃⁻

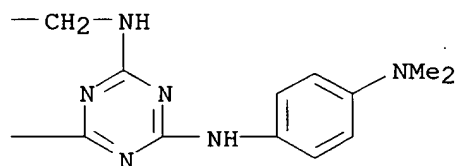
RN 28270-25-9 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[p-(dimethylamino)anilino]-s-triazine-4,2-diyl]iminoethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)

PAGE 1-A



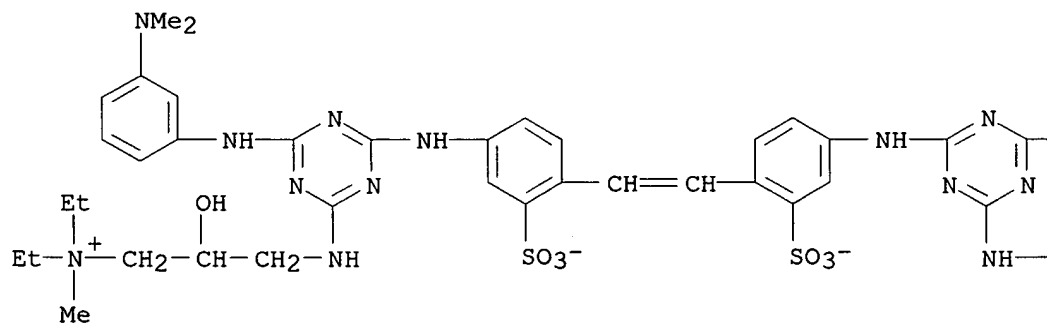
PAGE 1-B

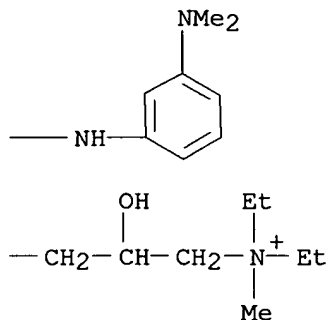


RN 28270-48-6 CAPLUS

CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[m-(dimethylamino)anilino]-s-triazine-4,2-diyl]imino(2-hydroxytrimethylene)]]bis[diethylmethyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)

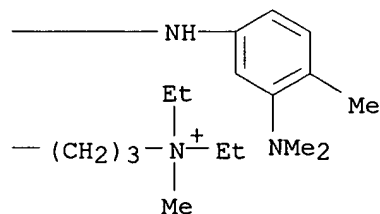
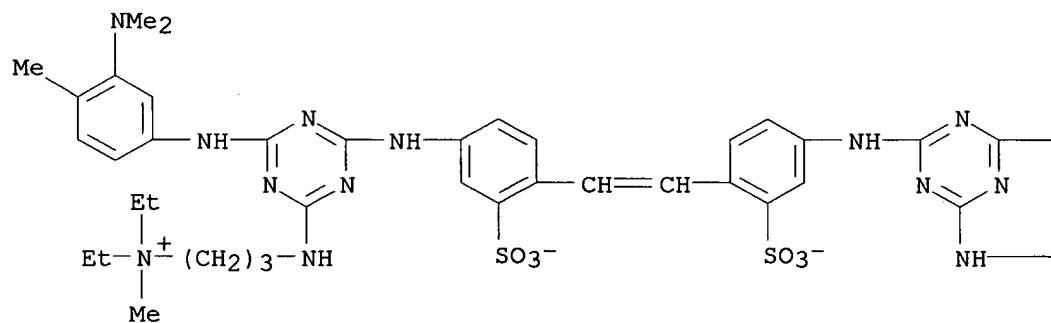
PAGE 1-A





RN 28270-49-7 CAPLUS

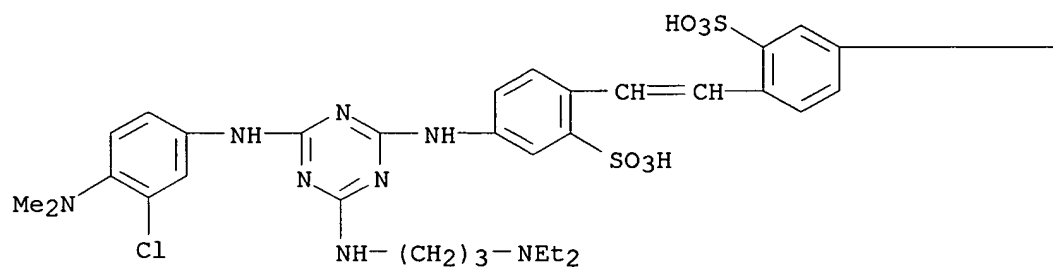
CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[3-(dimethylamino)-p-toluidino]-s-triazine-4,2-diyl]iminotrimethylene]]bis[diethylmethyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)



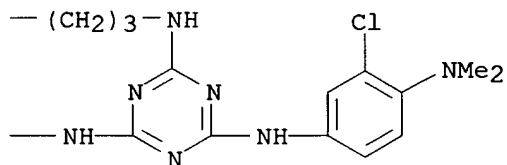
RN 28270-51-1 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[3-chloro-4-(dimethylamino)anilino]-6-[[3-(diethylamino)propyl]amino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

PAGE 1-A

Et₂N—

PAGE 1-B



RN 28273-87-2 CAPLUS

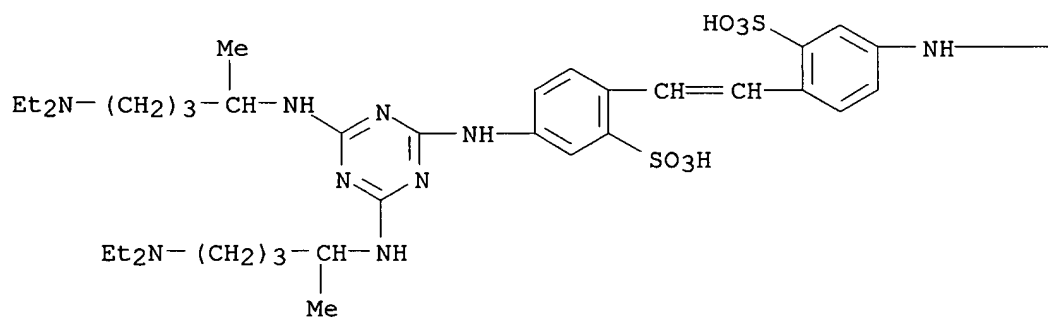
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4,6-bis[[4-(diethylamino)-1-methylbutyl]amino]-s-triazin-2-yl]amino]-, diformate (8CI) (CA INDEX NAME)

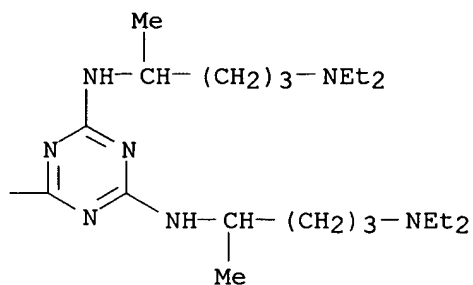
CM 1

CRN 28092-16-2

CMF C56 H96 N16 O6 S2

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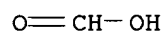




CM 2

CRN 64-18-6

CMF C H2 O2



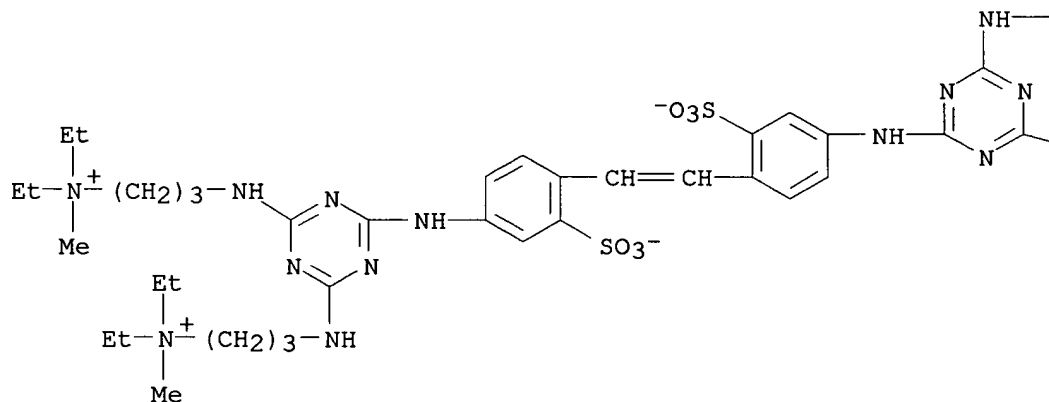
RN 28425-76-5 CAPLUS

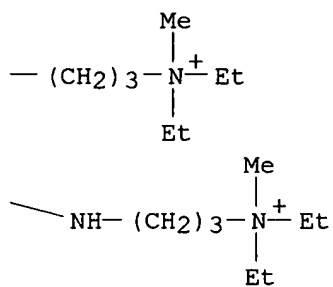
CN Ammonium, [[vinylenebis[(3-sulfo-p-phenylene)imino]-s-triazine-6,2,4-triyl]tetrakis(iminotrimethylene)]tetrakis[diethylmethyl-, dihydroxide, bis(inner salt), bis(methyl sulfate) (8CI) (CA INDEX NAME)

CM 1

CRN 50570-73-5

CMF C52 H90 N16 O6 S2

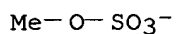




CM 2

CRN 21228-90-0

CMF C H3 O4 S



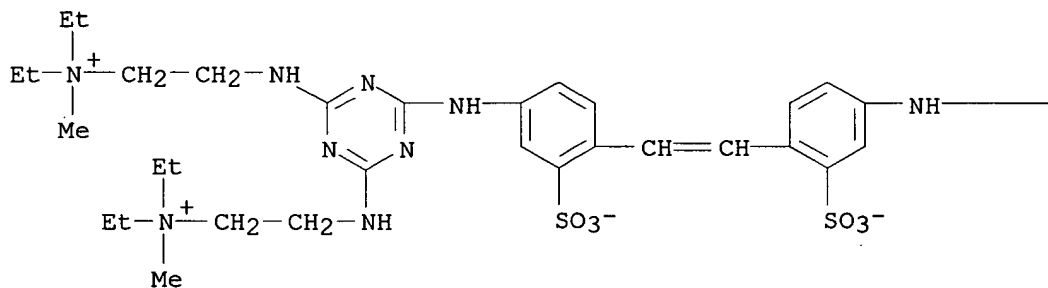
RN 29519-11-7 CAPLUS

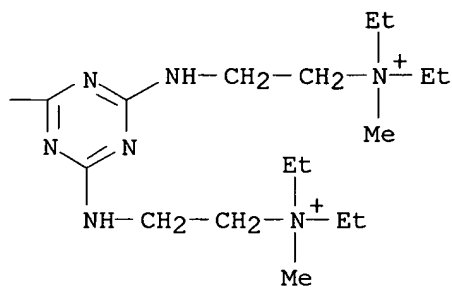
CN Ammonium, [[vinylenebis[(3-sulfo-p-phenylene)imino]-s-triazine-6,2,4-triyl]tetrakis(iminoethylene)]tetrakis[diethylmethyl-, dihydroxide, bis(inner salt), di-p-toluenesulfonate (8CI) (CA INDEX NAME)

CM 1

CRN 50570-67-7

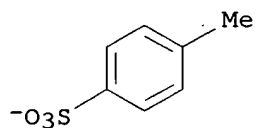
CMF C48 H82 N16 O6 S2



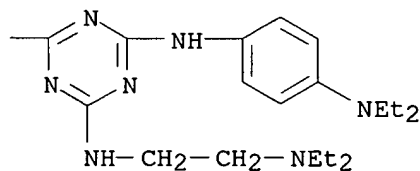
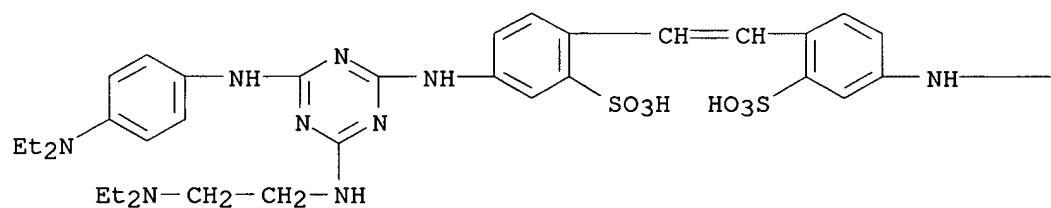


CM 2

CRN 16722-51-3
CMF C7 H7 O3 S

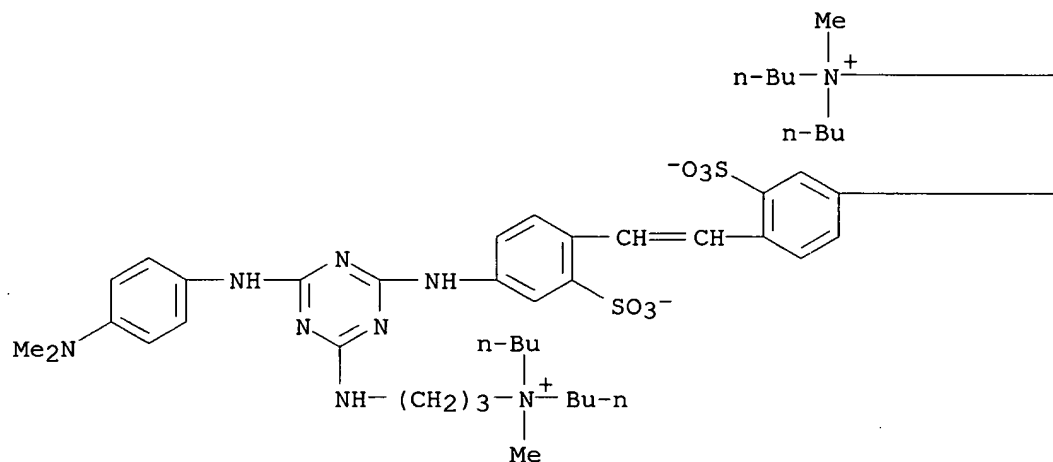


RN 31858-19-2 CAPLUS
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[p-(diethylamino)anilino]-6-[[2-(diethylamino)ethyl]amino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

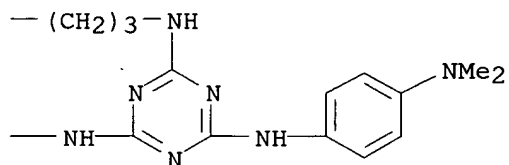


RN 31858-20-5 CAPLUS
CN Ammonium, [vinylenebis[(3-sulfo-p-phenylene)imino[6-[p-(dimethylamino)anilino]-s-triazine-4,2-diyl]iminotrimethylene]]bis[dibutyl methyl-, dihydroxide, bis(inner salt) (8CI) (CA INDEX NAME)

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PAGE 1-B



L4 ANSWER 66 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1970:416307 CAPLUS
 DN 73:16307
 TI Bis(triazinylamino)stilbene fluorescent whiteners
 IN Fleck, Fritz
 PA Sandoz Ltd.
 SO Ger. Offen., 21 pp.
 CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1939521	A	19700219	DE 1969-1939521	19690802
	DE 1939521	B2	19750320		
	DE 1939521	C3	19751106		
	CH 508641	A	19710615	CH 1968-508641	19680806
	BE 736983	A	19700116	BE 1969-736983	19690801
	FR 2015138	A5	19700424	FR 1969-26707	19690804
	ES 370204	A1	19710701	ES 1969-370204	19690804
	GB 1243276	A	19710818	GB 1969-1243276	19690805
	NL 6911992	A	19700210	NL 1969-11992	19690806
PRAI	CH 1968-11778	A	19680806		
IT	27344-06-5P 27344-07-6P 27344-08-7P				

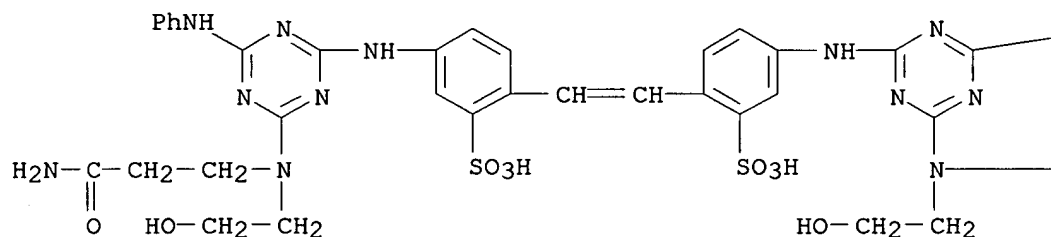
10/508,444

RL: IMF (Industrial manufacture); PREP (Preparation)
(preparation of)

RN 27344-06-5 CAPLUS

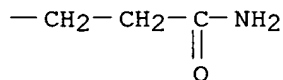
CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(3-amino-3-oxopropyl) (2-hydroxyethyl) amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI) (CA INDEX NAME)

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●2 Na

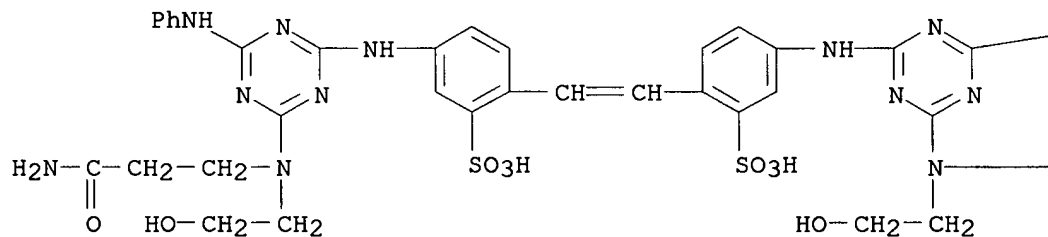
PAGE 1-B

~~_____~~ NHPH

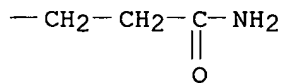
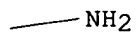
RN 27344-07-6 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4-[[4-amino-6-[(2-carbamoylethyl) (2-hydroxyethyl)amino]-s-triazin-2-yl]amino]-4'-[[4-anilino-6-[(2-carbamoylethyl) (2-hydroxyethyl)amino]-s-triazin-2-yl]amino]-, disodium salt (8CI) (CA INDEX NAME)

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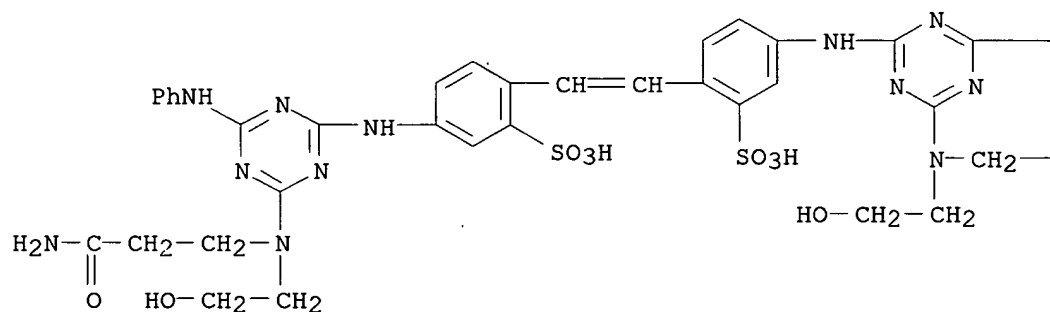


●2 Na

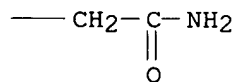
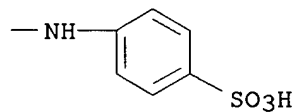


RN 27344-08-7 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4-[[4-anilino-6-[(2-carbamoyl-ethyl)(2-hydroxyethyl)amino]-s-triazin-2-yl]amino]-4'-[[4-[(2-carbamoyl-ethyl)(2-hydroxyethyl)amino]-6-(p-sulfoanilino)-s-triazin-2-yl]amino]-, trisodium salt (8CI) (CA INDEX NAME)



● 3 Na.



L4 ANSWER 67 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1969:514404 CAPLUS
 DN 71:114404
 TI Triazine brighteners and paper made with them
 IN Paul, Albert P.
 PA American Cyanamid Co.
 SO U.S., 3 pp.
 CODEN: USXXAM
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3464886	A	19690902	US 1966-546166	19660429
	BE 697789	A	19671030	BE 1967-697789	19670428
	NL 6706055	A	19671030	NL 1967-6055	19670428
PRAI	US 1966-546166	A	19660429		

IT 25959-25-5

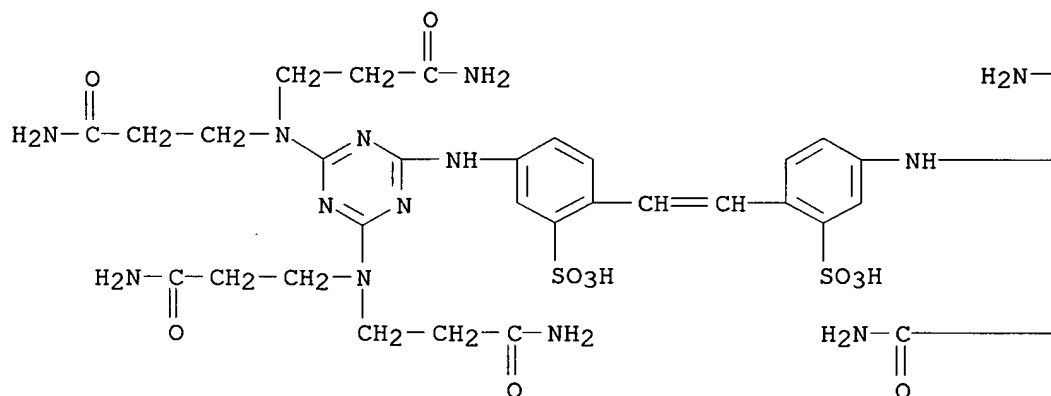
RL: USES (Uses)

(as fluorescent brightening agents, for paper)

RN 25959-25-5 CAPLUS

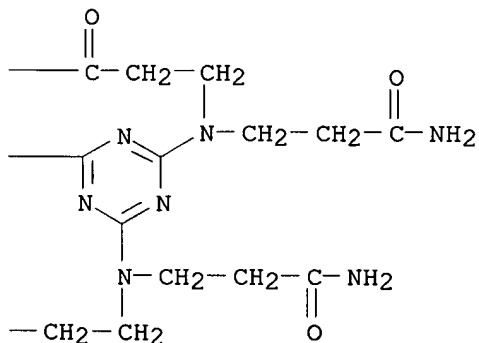
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4,6-bis[bis(2-carbamoylethyl)amino]-s-triazin-2-yl]amino]-, disodium salt (8CI) (CA INDEX NAME)

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● 2 Na

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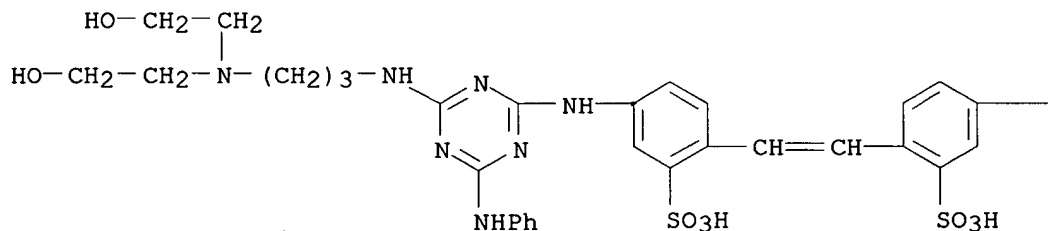
L4 ANSWER 68 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1969:38907 CAPLUS
 DN 70:38907
 TI Substituted 4,4'-bis(triazinylamino)stilbenes

10/508,444

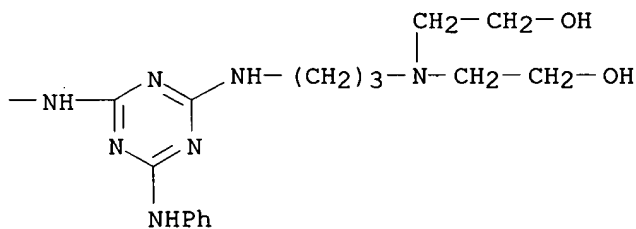
PA Geigy, J. R., A.-G.
SO Brit., 6 pp.
CODEN: BRXXAA
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1129548		19681009		
	CH 474601			CH	
	FR 1529366			FR	
	US 3546218		19700000	US	
	US 3676339		19720000	US	
PRAI	US		19660629		
IT	19523-47-8P 19643-44-8P 20982-06-3P 20982-10-9P 22301-97-9P				
	RL: IMF (Industrial manufacture); PREP (Preparation) (preparation of)				
RN	19523-47-8 CAPLUS				
CN	2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-anilino-6-[[3-[bis(2-hydroxyethyl)amino]propyl]amino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)				

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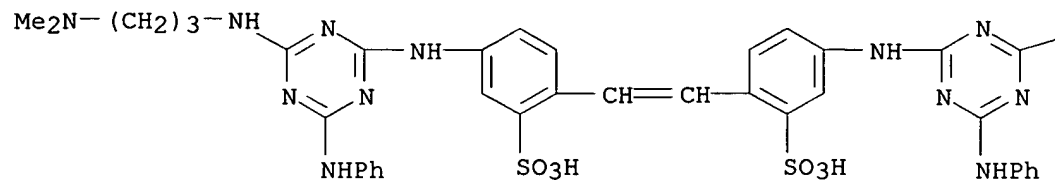


PAGE 1-B

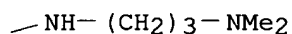


RN 19643-44-8 CAPLUS
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-anilino-6-[[3-(dimethylamino)propyl]amino]-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

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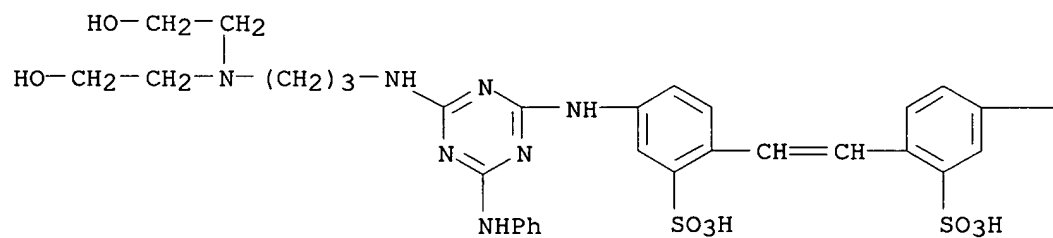
PAGE 1-B



RN 20982-06-3 CAPLUS

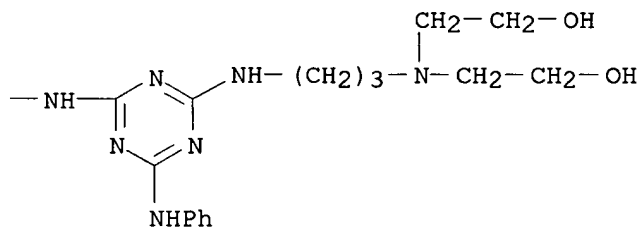
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-anilino-6-[[3-[bis(2-hydroxyethyl)amino]propyl]amino]-s-triazin-2-yl]amino]-, disodium salt (8CI) (CA INDEX NAME)

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● 2 Na

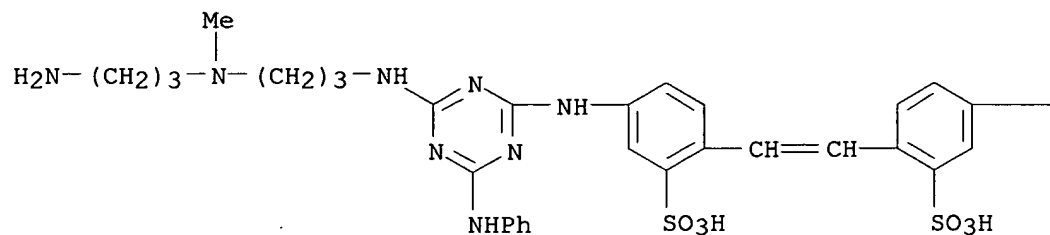
PAGE 1-B



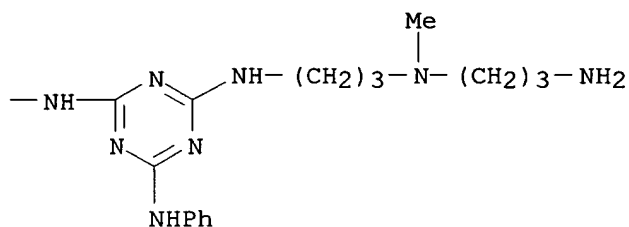
RN 20982-10-9 CAPLUS

CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[[3-[(3-aminopropyl)methylamino]propyl]amino]-6-anilino-s-triazin-2-yl]amino]- (8CI) (CA INDEX NAME)

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RN 22301-97-9 CAPLUS

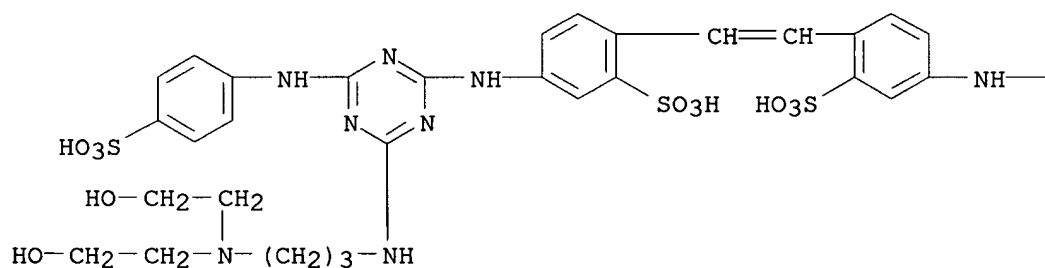
CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[[3-[bis(2-hydroxyethyl)amino]propyl]amino]-6-(p-sulfoanilino)-s-triazin-2-yl]amino]-, compd. with 2,2',2''-nitrilotriethanol (8CI) (CA INDEX NAME)

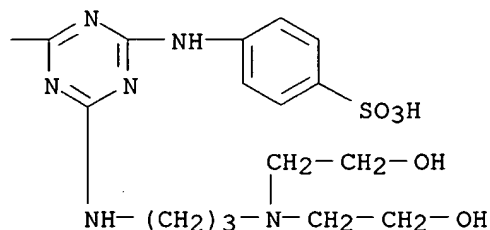
CM 1

CRN 19523-48-9

CMF C46 H58 N14 O16 S4

PAGE 1-A

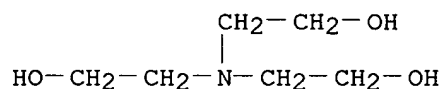




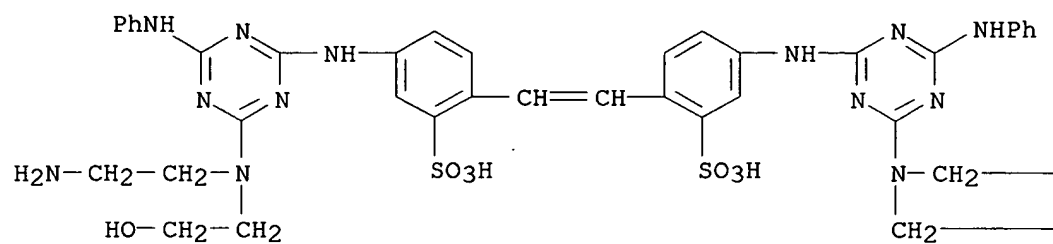
CM 2

CRN 102-71-6

CMF C6 H15 N O3



L4 ANSWER 69 OF 69 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1962:39048 CAPLUS
 DN 56:39048
 OREF 56:7467e-f
 TI Fluorescent dyes. I. Syntheses and properties of
 bis(triazinylamino)stilbene derivatives
 AU Noguchi, Tamehiko
 CS Nippon Kayaku Co.
 SO Yuki Gosei Kagaku Kyokaishi (1961), 19, 920-30
 CODEN: YGKKAE; ISSN: 0037-9980
 DT Journal
 LA Unavailable
 IT **25802-01-1**, 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[(2-
 aminoethyl)(2-hydroxyethyl)amino]-6-anilino-s-triazin-2-yl]amino]-,
 disodium salt
 (synthesis of, and evaluation as fluorescent bleach for cotton and
 nylon)
 RN 25802-01-1 CAPLUS
 CN 2,2'-Stilbenedisulfonic acid, 4,4'-bis[[4-[(2-aminoethyl)(2-
 hydroxyethyl)amino]-6-anilino-s-triazin-2-yl]amino]-, disodium salt (7CI,
 8CI) (CA INDEX NAME)



● 2 Na

— CH_2-NH_2 — CH_2-OH $\Rightarrow \log y$

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

234.81

TOTAL

SESSION

396.78

STN INTERNATIONAL LOGOFF AT 13:49:37 ON 25 AUG 2005